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SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name:		Examiner #:	Date:
Art Unit: Phone i	Number 30	Serial Number:	
Mail Box and Bldg/Room Location.	n:	Results Format Preferred (circle):	PAPER DISK E-MAIL
If more than one search is subm	nitted, please pri	oritize searches in order of ne	ed.
Please provide a detailed statement of the Igelude the elected species or structures. Intellity of the invention. Define any terms I nown. Please attach a copy of the cover sea. Title of Invention:	keywords, synonyms, that may have a spec sheet, pertinent claim	acronyms, and registry numbers, and edial meaning. Give examples or relevants, and abstract.	ombine with the concept or citations, authors, etc. if
(nventors (please provide full names):			
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Earliest Priority Filing Date:			
For Sequence Searches Only Please inclu- oup-opr, ate serial number.	de all pertinent inform	ation (parent, child, divisional, or issued pa	tent numbers) along with the
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Schreiber, David

From: Sent: To:

Subject:

Ramirez, Delia

Thursday, August 19, 2004 6:31 PM Schreiber, David 09/902705

Hi,

I would like to request the following interference search:

seq id 1, 2 in the nucleic acid databases
 seq id 2 in the protein databases

Thank you,

Delia M. Ramirez, Ph.D.

Patent Examiner

Recombinant Enzymes-Art Unit 1652

USPTO

400 Dulany Street, Remsen Bldg., 2D74, Mail room 2C70

Alexandria, VA 22314

(571) 272-0938

delia.ramirez@uspto.gov

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Title: Perfect score:

Sequence:

protein

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Scoring table:

Minimum DB seq Maximum DB seq

Searched:

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Sequence 1, Application US/09189833B

Sequence 1, Application US/09189833B

Patent No. US20020065393A1

GENERAL INFORMATION:

APPLICANT: Bednarik et al.

TITLE OF INVENTION: Human Hypoxanthine- (Guanine) Phosphoribosyl Transferase-2

FILE REPERENCE: PF138P101

CURRENT FILING DATE: 1998-11-12

PRIOR FILING DATE: 1998-11-12

PRIOR FILING DATE: 1994-10-19

NUMBER OF SEQ ID NOS: 11

SOFTWARE: Patentin version 3.0

SEQ ID NO 1

LEGGTH: 1386
                              Sequence 19, Appl
Sequence 2, Appl
Sequence 2, Appl
Sequence 2, Appl
Sequence 22, Appl
Sequence 13, Appl
Sequence 13, Appl
Sequence 13, Appl
Sequence 13, Appl
Sequence 23, Appl
Sequence 23, Appl
Sequence 23, Appl
Sequence 23, Appl
Sequence 310, Appl
Sequence 21, Appl
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Sequence 14831, A
Sequence 10, Appl
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Sequence 24187, Ap
Sequence 3804, Ap
Sequence 20, Appl
Sequence 20, Appl
Sequence 33283, A
ALIGNMENTS
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ORGANISM: Homo sapiens
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| cgn2_6/ptodata/2/pubpna/USO6_NEW_PUB.seq:*
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Copyright (c) 1993 - 2004 Compugen Ltd.

    nucleic search, using frame_plus_p2n model

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LOCATION: (626)..(1264)
CTHER INFORMATION:
US-09-902-705-1
       TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
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TITLE OF INVENTION: Human Hypoxanthine-(Guanine) Phosphoribosyl Transferase-2
FILE REPERENCE: PF13881C1
CURRENT APPLICATION NUMBER: US/09/902,705
CURRENT FILING DATE: 2001-07-12
PRIOR APPLICATION NUMBER: US/08/461,031
PRIOR APPLICATION NUMBER: PCT/US94/11914
PRIOR FILING DATE: 1995-06-05
PRIOR PILING DATE: 1995-06-05
NUMBER: OF SEQ ID NOS: 11
SOFTWARE: Patentin version 3.1
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Patent No. US20020081695A1
GENERAL INFORMATION:
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Sequence 19, Application US/10427631
Sequence 19, Application US/10427631
GENERAL INFORMATION:
APPLICANT: INCYTE CORPORATION; TANG, Y. Tom;
APPLICANT: CORLEY, Neil C.; GUEGLER, Karl J.;
APPLICANT: BAUGHN, Mariah R.; LAL, Preeti G.;
APPLICANT: YUE, Henry; HILLMAN, Jennifer L.;
APPLICANT: AZIMZAI, Yalda
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CORGANISM: Homo sapiens
US-10-264-049-424
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, OTHER INFORMATION: Incyte ID No. US20030175923A1 1404963CB1
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Matches:
Conservative:
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Indels:
TITLE OF INVENTION: HUMAN TRANSFERASE PROTEINS
FILE REFERENCE: PP-0592-1 DIV
CURRENT APPLICATION NUMBER: US/10/427,631
CURRENT FILING DATE: 2003-04-29
PRIOR APPLICATION NUMBER: US 09/786,240
PRIOR PILING DATE: 1093-09-09
PRIOR FILING DATE: 1999-09-09
PRIOR FILING DATE: 1999-09-09
PRIOR FILING DATE: 1999-09-10
PRIOR FILING DATE: 1998-09-10
PRIOR FILING DATE: 1998-09-10
PRIOR FILING DATE: 1998-09-10
PRIOR PILING DATE: 1998-09-10
PRIOR FILING DATE: 1998-09-11
PRIOR PILING DATE: 1999-05-11
NUMBER OF SEQ ID NOS: 33
SOFTWARE: PERL PROGRAM
SEQ ID NO 19
LENGTH: 1927
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1069.00
99.51%
98.54%
95.79%
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ORGANISM: Homo sapiens
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Best Local Similarity:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            167 ArgThrSerArgSerAspGlyPheArgProAspTyrAlaGlyPheGluileProHisLeu 186
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   237 GIGCTIAAAGGAGGITACAAATICTGIGCTGAICTCGIAGAACACCTIAAGAACATCAGC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               27 HisTyrTyrGlyAspLeuGluTyrValLeuIleProHisGlyIleIleValAspArgIle
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RESULT 4
US-10-264-049-424

US-10-264-049-424

Sequence 424, Application US/10264049

Sequence 424, Application No. US20040005579A1

GENERAL INFORMATION:

APPLICANT: Birse et al.

TILLE OF INFERINCE: PA13PE

CURRENT APPLICATION NUMBER: US/10/264,049

PRIOR APPLICATION NUMBER: US/10/264,049

PRIOR PILING DATE: 2001-04

PRIOR PILING DATE: 2001-06-07

PRIOR PILING DATE: 2001-06-07

NUMBER OF SEQ ID NOS: 4360

SOFTWARE: Patentin Ver. 3.1

SEQ ID NO 424
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280 186 220

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Publication No. USZ0030170742A1

Publication No. USZ0030170742A1

GENERAL INFORMATION:

APPLICANT: Bristol-Myers Squibb Company

TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES ASSOCIATED WITH THE DEVELOPMEN

TITLE OF INVENTION: RHEUMATOID ARTHRITIS

FILE REPERENCE: D0190 NP

CURRENT APPLICATION NUMBER: US/10/308,279

CURRENT APPLICATION NUMBER: 60/337,429

PRIOR PILING DATE: 2002-12-03

PRIOR FILING DATE: 2001-12-03

NUMBER OF SEQ ID NOS: 91

SOFTWARE: Patentin version 3.1
                                                                                                LeuSerAsnIleGluLysTyrLysProAsnMetIleLysValAlaSerLeuLeuValLys 166
                                                                                                                                                                                                                                                        219 TTTGTGGTGGGATATGCCTTAGATTACAATGAATACTTCAGAGATCTGAATCACATATGC 160
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                                                    399 GGAAAGAATGTTCTCATTGTTGAGGATGTTGTCGGAACTGGGAGGACCATGAAAGCACTA
                                                                                                                         339 CTCAGCAATATAGAGAAATACAAGCCCAACATGATTAAGGTAGCCAGTTTGTTGGTGAAG
                                                                                                                                                                    ArgThrSerArgSerAspGlyPheArgProAspTyrAlaGlyPheGluIleProHisLeu
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                                                                                                                                                                                                                                      PheValValGlyTyrAlaLeuAspTyrAsnGluTyrPheArgAspLeuAsnHisIleCys
                                GlyLysAsnPheLeuIleValGluAspValValGlyThrGlyArgThrMetLysAlaLeu
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68.40%
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; TYPE: DNA
; ORGANISM: homo sapiens
US-10-308-279-2
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Best Local Similarity:
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US-10-308-279-2
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          187 PhevalvalGlyTyrAlaLeuAspTyrAsnGluTyrPheArgAspLeuAsnHisIleCys 206
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Sequence 13, Application US/09822830A

Patent No. US2002042952A1

GENERAL INFORMATION:

APPLICANT: Genetics Institute, Inc.

APPLICANT: Clark, Hilary

APPLICANT: Clark, Hilary

APPLICANT: APPLICANT: Remeal, Michael J.

APPLICANT: Howes, Steven H.

APPLICANT: Howes, Steven H.

APPLICANT: Graham, James R.

APPLICANT: Graham, James R.

APPLICANT: Graham, James R.

APPLICANT: Graham, James R.

CURRENT PAPLICATION NUMBER: US/09/822,830A

CURRENT FILING DATE: 2001-03-29

PRIOR PILING DATE: 2001-03-29

PRIOR PILING DATE: 2000-04-06

NUMBER OF SEC ID NOS: 631

SEC ID NO 13

LENGTH: 806

LENGTH: 806

LENGTH: 806

LENGTH: 806
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                                                                             NAME/KEY: misc feature
LOCATION: 735,739
OTHER INFORMATION: n=a,c,g, or
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ORGANISM: Homo sapiens
FEATURE:
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Best Local Similarity:
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US-09-822-830A-13/c
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Pred. No.:
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289 TACATCAAAGCACTGAATAGAAATAGTGATAGATCCATTCCTATGACTGTAGATTTTATC 348
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                                                                                                                                121 AspleuSerThrLeuAlaGlyLysAsnPheLeuIleValGluAspValValGlyThrGly
                                     ArgieulysSerTyrArgAsnAspGlnSerMetGlyGluMetGlnIleIleGlyGlyGly
                                                                    141 ArgihinetLysAlaLeuLeuSerAsnIleGluLysTyrLysProAsnMetIleLysVal
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Matches:
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Pred. No.:
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Publication No. US20030170743A1

GENERAL INFORMATION:
APPLICANT: Bristo-Myers Squibb Company
APPLICANT: Bristo-Myers Gquibb Company
TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES ASSOCIATED WITH THE DEVELOPMENT
TITLE OF INVENTION: OSTEOARTHRITIS
FILE REFERENCE: D0189
CURRENT APPLICATION NUMBER: US/10/308,448
CURRENT FILING DATE: 2002-12-03
PRIOR APPLICATION NUMBER: 60/337,417
PRIOR FILING DATE: 2001-12-03
NUMBER OF SEQ ID NOS: 36
SOFTWARE: PARENTIN Version 3.1
SEQ ID NO 2.2
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                              AspLeuSerThrLeuAlaGlyLysAsnPheLeuIleValGluAspValValGlyThrGly
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Conservative:
Mismatches:
Indels:
Gaps:
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779.00
83.02%
68.40%
69.80%
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TYPE: DNA
ORGANISM: Homo Sapiens
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Best Local Similarity:
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US-10-308-448-2
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LIBRARY: GENBANK
CLONE: g32449
SEQUENCE DESCRIPTION: SEQ ID NO: 1298
                                                PA-0001
                NAME: Zeller, Karen J.
REGISTRATION NUMBER: 37,071
REFERENCE/DOCKET NUMBER: PA
                                                             TELECOMMUNICATION INFORMATION:
TELEPHONE: (650) 855-0555
                                                                                          TELEFAX: (650) 845-4166
INFORMATION FOR SEQ ID NO: 1298:
SEQUENCE CHARACTERISTICS:
                                                                                                                                          LENGTH: 1331 base pairs
   INFORMATION:
                                                                                                                                                            TYPE: nucleic acid
STRANDEDNESS: single
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83.02%
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   ATTORNEY/AGENT
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| TATTTTGCATACCTAATCATTATGCTGAGGATTTGGAAAGGGTGTTTATTCCTCATGGA
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COMPUTEY: USA

ZIP: 94304

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Word Perfect 6.1 for Windo
CURRENT APPLICATION DATA:
RELING DATE: 14-Aug-2003
CLASSIFICATION: COMPUTED:
CLASSIFICATION: CURREN: US/10/641,643
FILING DATE: 14-Aug-2003
CLASSIFICATION: CURREN:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 1508
CORRESPONDENCE ADDRESS:
ADDRESSEE: INCYTE PHARMACEUTICALS,
STREET: 3174 PORTER DRIVE
CITY: PALO ALTO
STATE: CALIFORNIA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Cocks, Benjamin G.
Susan G. Stuart
Jeffrey J. Seilhamer
TITLE OF INVENTION: COMPOSITION FOR
GENE EXPRESSION
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APPLICATION NUMBER: <Unknown>
FILING DATE: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 1298, Application US/10641643 Publication No. US20040077003A1 GENERAL INFORMATION:
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Mismatches:
Indels:
                                                                                                                                      US-09-902-705-2 (1-212) x US-10-641-643-1298 (1-1331)
  Length:
Matches:
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HisLeulysAsnIleSerArgAsnSerAspArgPheValSerMetLysValAspPheIle 100
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                                                          Sequence 13, Application US/09925664
; Batent No. US20020160006A1
; Garbrard. INFORMATION:
    APPLICANT: Denney, Jr., Dan W.
    TILE OF INVENTION: Methods of Treating Lymphoma and Leukemia
    TILE REPRENCE: GENITODE: 06499
    CURRENT FILING DATE: 2001-08-09
; CURRENT FILING DATE: 2001-08-09
; PRIOR APPLICATION NUMBER: 09/370,453
    PRIOR PELING DATE: 1996-08-09
; PRIOR FILING DATE: 1996-08-09
; PRIOR APPLICATION NUMBER: 08/644,664
; PRIOR APPLICATION NUMBER: 08/761,277
; PRIOR APPLICATION NUMBER: 08/761,277
; PRIOR PILING DATE: 1996-12-06
; NUMBER OF SEQ ID NOS: 80
; SEQ ID NO 13
; LENGTHARE: PatentIn version 3.1
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Matches:
Conservative:
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772.00
83.02%
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69.18%
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Best Local Similarity:
Query Match:
DB:
                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; NAME/KEY: CDS
; LOCATION: (88)..(74
; OTHER INFORMATION:
US-09-925-664-13
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                         Sequence 283, Application US/10044090
Publication No. US20020137081A1
GENERAL INFORMATION:
APPLICANT: Olga Bandman
TITLE OF INVENTION: GENES DIFFERENTIALLY EXPRESSED IN VASCULAR TISSUE ACTIVATION
FILE REFERENCE: PA-0028 US
CURRENT APPLICATION UNMERR: US/10/044,090
CURRENT FILING DATE: 2002-01-09
NUMBER OF SEQ ID NOS: 850
SOFTWARE: PERL PROGRAM
SEQ ID NO 283
LENGTH: 1365
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                                                                                                                                                                                                                                                                                              FEATURE:
NAME/KEY: misc_feature
OTHER INFORMATION: Incyte ID No. US20020137081A1 1291103CB1
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ORGANISM: Homo sapiens
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Best Local Similarity:
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US-10-044-090-283
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                                                                                                                                                                                                                                          Sequence 20, Application US/10331329

Sublication No. US20030180267A1

GENERAL INPORMATION:

APPLICANT: HARRINGTON, JOHN J.

APPLICANT: SHERF, BRUCE

APPLICANT: SHERF, BRUCE

TITLE OF INVENTION: COMPOSITIONS AND METHODS

TITLE OF INVENTION: ENDOGENCUS GENES

FILE REFERENCE: 022-100370N

CURRENT FILING DATE: 2002-12-30

PRIOR APPLICATION NUMBER: 09/276,820

PRIOR PILING DATE: 1999-03-26

PRIOR APPLICATION NUMBER: 09/25,022

PRIOR FILING DATE: 1999-02-19

PRIOR FILING DATE: 1999-02-19

PRIOR FILING DATE: 1999-02-19

PRIOR FILING DATE: 1998-03-26

PRIOR FILING DATE: 1998-03-26

PRIOR FILING DATE: 1998-03-26

PRIOR FILING DATE: 1998-03-26

NUMBER: OF SEQ ID NOS: 33

SOFTWARE: PATENTIN UNWER: 08/941,223

PRIOR FILING DATE: 1997-09-26

NUMBER: OF SEQ ID NOS: 33

SEQ ID NO 20

LENGTH: 5247

TYPE: DNA

ORGANISM: Homo sapiens
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Sequence 13, Application US/09925192

Sequence 13, Application US/09925192

Publication No. US20040096452A1

GENERAL INFORMATION:

APPLICANT: Denney, Jr., Dan W.

TITLE OF INVENTION: Vaccines for Treatment of Lymphoma and Leukemia

FILE REPERENCE: GENITOPE-06493

CURRENT APPLICATION NUMBER: US/09/925,192

CURRENT FILING DATE: 2001-08-09

NUMBER OF SEQ ID NOS: 80

SOFTWARE: PatentIn version 3.2

SEQ ID NO 13.2
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Matches:
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Best Local Similarity:
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LOCATION: (88)
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Qy 40 GlyllellevalAspArgileGluArgLeuAl	Qy 60 SerAspileMetValLeuCysValLeuLysG:	Qy 80 GluHisLeuLysasnIleSerArgasnSerAe :::::::	Qy 100 IleArgLeuLysSerTyrArgAsnAspGlnSe	Qy 120 GlyAspLeuSerThrLeuAlaGlyLysAsnPl	Oy 140 GlyArgThrMetLysAlaLeuLeuSerAsnI]	Oy 160 ValAlaSerLeuleuValLysArgThrSerAl	Qy 180 GlyPheGlulleProHisLeuPheValValG 	Oy 200 ArgAspLeuAsnHisIleCysVallleAsnG.	RESULT 15 US-10-191-603-870 ; Sequence 870, Application US/10191803 ; Publication No. US20040014040A1 ; GENERAL INFORMATION: ; APPLICANT: MENDRICK, Donna ; APPLICANT: PORTER, Mark ; APPLICANT: HGGS, Brandon ; APPLICANT: GASTLE, Archur ; APPLICANT: GASTLE, Archur ; TITLE OF INVENTION: Cardiotoxin Molecular ; FILE REFERENCE: 44921-5090US ; CURRENT BILING DATE: 2002-07-10 ; PRIOR FILING DATE: 2002-07-10 ; PRIOR FILING DATE: 2001-07-10 ; PRIOR FILING DATE: 2001-07-10	FRIOR APPLICATION NUMBER: US 60/369,351 PRIOR FILING DATE: 2002-04-03 PRIOR FILING DATE: 2002-06-06 PRIOR FILING DATE: 2002-05-06 NUMBER OF SEQ ID NOS: 1140 SOFTWARE: Patentin Ver. 2.1 SAGTUAN. 953	; ILENGIN: 853 ; TYPE: DAY ; ORGANISM: Rattus norvegicus	; FEATURE: ; OTHER INFORMATION: Genbank Accession No. US-10-191-803-870
Qy 100 IleArgLeuLysSerTyrArgAsnAspGlnSerMetGlyGluMetGlnIleIleGlyGly 119	Qy 120 GlyAspLeuSerThrLeuAlaGlyLysAsnPheLeuIleValGluAspValValGlyThr 139	Qy 140 GlyArgThrMetLysAlaLeuLeuSerAsnIleGluLysTyrLysProAsnMetIleLys 159	Oy 160 ValAlaSerLeuLeuValLySArgThrSerArgSerAspGlyPheArgProAspTyrAla 179	Oy 180 GlyPheGlulleProHisLeuPheValValGlyTyrAlaLeuAspTyrAsnGluTyrPhe 199 Db 4766 GGATTTGAAATTCCAGACAAGTTTGTTGTAGATAGCCCTTGACTATAATGAATACTTC 4825	Qy 200 ArgAspLeuAsnHisIleCysVallleAsnGluHisGly 212	RESULT 14 US-10-331-329-27 ; Sequence 27, Application US/10331329	щО	; APPLICANT: RUNDLETT, STEPHEN ; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR NON-TARGETED ACTIVATION OF ; TITLE OF INVENTION: ENDOGEROUG GENES ; FILE REFERENCE: 0221-0003CON	ý	Alignment Scores: Pred. No.: Pred. No.: Score: Score: T68.50 Matches: 145 Score: Bercent Similarity: 62.63% Conservative: 31 Best Local Similarity: 68.08% Mismatches: 36 Query Match: 15 Gaps: 1 DB:	-27 (Qy 1 MetAlaThrArgSerProGlyValVallleMetAspAspTrpProGlyTyrAspLeu 19

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Search completed: August 28, 2004, 16:43:36 Job time : 489 secs

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OM protein - nucleic search, using frame_plus_p2n model

August 28, 2004, 14:49:52; Search time 83 Seconds (without alignments) 1417.465 Million cell updates/sec Run on:

US-09-902-705-2 1116 1 MATRSPGVVIMDDWPGYDLN......LDYNEYFRDLNHICVINEHG 212 Title: Perfect score: Sequence:

BLOSUM62 Xgapop 10.0 , Xgapext Ygapop 10.0 , Ygapext Fgapop 6.0 , Fgapext Delop 6.0 , Delext Scoring table:

682709 segs, 277475446 residues Searched: Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0 Maximum DB seq length: 200000000

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries

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/cgn2_6/ptodata/2/ina/5B_COMB.seq:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Description	Seguence 1, Appli	Sequence 19, Appl	Sequence 1298, Ap	Sequence 13, Appl	Sequence 13, Appl	Sequence 20, Appl	20,	Sequence 20, Appl				
ID	US-09-189-833B-1	US-09-786-240-19	US-09-023-655-1298	US-08-644-664B-13	US-08-761-277A-13	US-09-479-122-20	US-09-484-997-20	US-09-481-355-20	US-09-481-282-20	US-09-455-659A-20	US-09-484-996-20	US-09-479-123-20
DB	4	4	4	-	N	4	4	4	4	4	4	4
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Sequence 27, Appl	equence 27,	e 27,	equence 27,	equence 27,	equence 27,	~	equence 223	equence 992	equence 4, i	equence 20,	equence 148	Sequence 481, App	Sequence 2, Appli	Sequence 1, Appli	edne	Sequence 385, App	edne	Sequence 5319, Ap	eque	edne	Sequence 839, App	edne	Sequence 1, Appli	Sequence 1, Appli	edne	1, AF	2679,	equence 106,	1376,	equence 1, Appl	٦,	Sequence 3520, Ap
US-09-479-122-27	97-2	-09-481-355-2	-09-481-282-2	S	09-484-996-2	-123	09-023-65	09-107-5	18-987-123-	3-961-527-2	7.1E	9-134-001C-4	-103-8	09-103-840A-	-09 - 221	9-540-236-38	9-596	39A-531	9-543-681A-	3-631-751A-1	-09-328-352-8	09-790	US-09-557-884-1	-09-64	-25	-08-545-528D-	-09-134	-08-961-527-10	-09-107-532	9-557-884	S-09-643-990A-1	US-09-489-039A-3520
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ALI GNMENTS

Sequence 1, Application US/09189833B

Sequence 1, Application US/09189833B

Patent No. 6653446

GENERAL INFORMATION:

APPLICANT: Bednarik et al.

TITLE OF INVENTION: Human Hypoxanthine-(Guanine) Phosphoribosyl Transferase-2

FILE REPERENCE: PPI38PLDI

CURRENT APPLICATION NUMBER: US/09/189,833B

CURRENT FILING DATE: 1998-11-12

PRIOR FILING DATE: 1998-11-12

PRIOR FILING DATE: 1994-10-19

NUMBER OF SEQ ID NOS: 11

SOFTWARE: PATENTION NUMBER: PCT/US94/11914

SOFTWARE: PATENTION NUMBER: DCT/US94/11914

SOFTWARE: PATENTION NUMBER: DCT/US94/11914 ; NAME/KEY: CDS ; LOCATION: (626)..(1264) US-09-189-833B-1 TYPE: DNA ORGANISM: Homo sapiens US-09-189-833B-1

Length:
Matches:
Conservative:
Mismatches: Indels: Gaps: 1.77e-145 1116.00 100.00% 100.00% Percent Similarity: Best Local Similarity: Alignment Scores: Pred. No.: Query Match:

US-09-902-705-2 (1-212) x US-09-189-833B-1 (1-1386)

1 MetAlaThrArgSerProGlyValValIleMetAspAspTrpProGlyTyrAspLeuAsn 20

Alignment Scores: Pred. No.: Score: Score: Percent Similarity: Best Local Similarity: Ouery Match: DB: US-09-902-705-2 (1-212) x US-09-786-240-19 (1-1927)	Qy 7 GlyvalvalileWetAspAspTrpFrGlyTyrAspLeuAsnLeuPheThrTyrPrGln 26	Qy 27 HisTyrTyrGlyAspLeuGluTyrValLeuIleProHisGlyIleIleValAspArgIle 46	Oy 47 GluargleualalysaspilewetiysaspileGlyTyrseraspilemetValleuCys 66	Qy 67 ValLeulysGlyGlyTyrLysPheCysAlaAspLeuValGluHisLeuLysAsnIleSer 86	Oy 87 ArgasnSerAspArgPheValSerMetLysValAspPhelleArgLeuLysSerTyrArg 106	Qy 107 AsnaspQlnSerWetGlyGluNetGlnIleIleGlyGlyGlyAspLeuSerThrLeuala 126	Qy 127 GlyLysAsnPheLeulleValGluAspValValGlyThrGlyArgThrMetLysAlaLeu 146	Qy 147 LeuSerAsnileGluLysTyrLysProAsnMetHeLipsValAlaSerLeuLeuValLys 166	Qy 167 ArgThrSerArgSerAspGlyPheArgProAspTyrAlaGlyPheGlulleProHisLeu 186	Qy 187 PheValValGlyTyralaLeuAspTyrAsnGluTyrPheArgAspLeuAshHisTleCys 206 	Qy 207 ValileAsnGluHisGly 212 	RESULT 3 US-09-023-655-1298 i Sequence 1298. Application US/09023655 i Patent No. 6607879 i GENERAL INFORMATION: APPLICANT: Cocks, Benjamin G. APPLICANT: Usefrey J. Seilhamer TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF BLOOD CELL GENE TITLE OF INVENTION: EXPRESSION NUMBER OF SEQUENCES: 15.08 i CORRESPONDENCE ADDRESS: ADDRESSE: INCYTE PHARMACEUTICALS, INC. STREET: 3174 PORTER DRIVE CITY: PALO ALTO STRATE: CALIFORNIA COUNTRY: USA ZIP: 94304
	Oy 61 ASDILEMETVALLEUCYSVALLEULYSGIYGIYTYKLYSPHECYSALAASDLEUVALGIU 80 	Qy 81 HisLeuLysAenIleSerArgAsnSerAspArgBheValSerMetLysValAepPheIle 100	Qy 101 argLeuLysSerTyrargAsnAspGlnSerMetGlyGlyMetGlnIleIleGlyGlyGlyGly 120 Db 926 adacTaaaaAgTTaCaGGaaTGACCAGTCCATGGGTGAGATGCAGATAATCGGAGGCGT 985	Qy 121 AspLeuSerThrLeuAlaGlyLysAsnPheLeulleValGluAspValValGlyThrGly 140	Oy 141 ArgThimetlysalaLeuLeuSerAsnileGluLysTyrLysProAsnMetileLysVal 160	Oy 161 AlaSerLeubeuVallysArgThrSerArgSerAspGlyPheArgProAspTyrAlaGly 180	Qy 181 PheGlulleProHisLeuPheValValGlyTyrAlaLeuAspTyrAsnGluTyrPheArg 200	Qy 201 AspLeuAsnHisIleCysValIleAsnGluHisGly 212	RESULT 2 US-09-786-240-19 ; Sequence 19, Application US/09786240	; Patent No. 6588935 ; GENERAL INFORMATION: ; APPLICANT: INCYTE PHARMACEUTICALS, INC. ; APPLICANT: TANG, YTOM	APPLICANT: COKLEY, Nell C. ; APPLICANT: GUBGLER, Karl J. ; APPLICANT: BAUGHN, Mariah R. ; APPLICANT: LAL, Preeti	APPLICANT: VE, Henry APPLICANT: AZIMZAI, Yalda APPLICANT: HILMAN, Jennifer L. APPLICANT: HILMAN, Jennifer L. APPLICANT: AZIMZAI, Yalda TITLE OF INVENTION: HUMAN TRANSFERASE PROTEINS FILE REPERBNCE: PF-0592 PCT CURRENT APPLICATION NUMBER: US/09/786,240 CURRENT FILING DATE: 2002-03-12 PRIOR APPLICATION NUMBER: 09/150,657; unassigned; 09/186,779; unassigned; 60/133,642 PRIOR APPLICATION NUMBER: 09/150,657; unassigned; 09/186,779; unassigned; 50/133,642 NUMBER OF SEC ID NOS: 33 SEC ID NOS: 33 LENGTH: 1927 TYPE: DNA ORGANISM: Homo sapiens FRATURE: NAME: KRY: misc_feature NAME: KRY: misc_feature NAME: KRY: misc_feature VG-09-786-240-19

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148 richtricanaccharcatharcceaedarriddaaaaagicittarrcccardda 207
161 AlaSerLeuLeuValLysArgThrSerArgSerAspGlyPheArgProAspTyrAlaGly 180
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                                                                                                 21 LeuPheThrTyrProGlnHisTyrTyrGlyAspLeuGluTyrValLeuIleProHisGly
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36
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COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/644,6648
FILING DATE: 01-MAY-1996
CLASSIFICATION: 435
                                                                                                                                           201 AspleuAsnHisIleCysValileAsnGluHisGly 212
                                                                                                                                                                             686 GATTTGAATCATGTTTGTGTCATTAGTGAAGCTGGA 721
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Length:
Matches:
Conservative:
Mismatches:
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                                                                                                                                                                                                                                                Sequence 13, Application US/08644664B
Patent No. 5776746
GENERAL INFORMATION:
TITLE OF INVENTION: Gene Amplication Methods
NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
ADDRESSEE: Medlen & Carroll, LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
NAME: Ingolia, Diane E.
REGISTRATION NUMBER: 40,027
REFERENCE/DOCKET NUMBER: GENITOPE-00912
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 1289 base pairs
                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE: Medlen & Carroll, LLP
STREET: 220 Montgomery Street, Suite 2200
TIY: San Francisco
STATE: California
COUNTRY: United States Of America
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: United States Of America
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772.00
83.02%
67.92%
69.18%
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy d
COMPUTER: IBM PC comp
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US-08-644-664B-13
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 COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SCPTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/023,655
FILING DATE: HEREWITH
CLASSIPICATION:
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Mismatches:
Indels:
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Matches:
                                                                                                                                                                                                                                                                                              PA-0001
                                                                                                                                                                                               FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Zeller, Karen J.
REGISTRATION NUMBER: 37,071
REFERENCE/DOCKET NUMBER: PA-00
TELECOMMUNICATION INFORMATION:
TELEPAX: (650) 845-4166
INFORMATION FOR SEQ ID NO: 1298:
SEQUENCE CHARACTERISTICS:
LENGTH: 131 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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779.00
83.02%
68.40%
                                                                                                                                                                PRIOR APPLICATION DATA: APPLICATION NUMBER:
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CLONE: 932449
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                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: line
IMMEDIATE SOURCE:
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Query Match:
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RESULT 6
US-09-479-122-20
Sequence 20. Application US/09479122
Federance 20. Application US/09479122
Federance 20. Application US/09479122
Federal INFORMATION:
FEDELICANT: HARRINGTON, JOHN J.
FAPPLICANT: SHERF, BRUCE
FEDELICANT: RUNDLETT, STEPHEN
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR NON-TARGETED ACTIVATION OF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          268 CACATIGIGGCCCTCTGTGTGCTCAAGGGGGCTATAAGTTCTTTGCTGACCTGCTGGAT 327
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|TIGITITGTATACCTAATCATTATGCCGAGGATTTGGAAAAAGTGTTATTCCTCATGGA
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Matches:
Conservative:
Mismatches:
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                                                                                                                                                                                                                                                                                                Indels:
                                                                              MOLECULE TYPE: DNA (genomic) FEATURE:
    1289 base pairs
                                                                                                                                                                                                                                      772.00
83.02%
67.92%
69.18%
                    TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                        88..741
                                                              linear
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Best Local Similarity:
                                                                                                                      NAME/KEY: CDS
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US-08-761-277A-13
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Pred. No.:
                                                              TOPOLOGY:
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                      68 CACATTGTGGCCCTCTGTGTGTGCTCAAGGGGGGCTATAAGTTCTTTGCTGACTGGGT 327
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PheGluIleProHisLeuPheValValGlyTyrAlaLeuAspTyrAsnGluTyrPheArg 200
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80
                                                                              AspileMetValLeuCysValLeuLysGlyGlyTyrLysPheCysAlaAspLeuValGlu
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                                                                                                                                                                                                                                                                                                                                                                                           ArgThrMetLysAlaLeuLeuSerAsnIleGluLysTyrLysProAsnMetIleLysVal
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TITLE OF INVENTION: Vaccines For Treatment Of Lymphoma And
TITLE OF INVENTION: Leukemia
NUMBER OF SEQUENCES: 80
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             AspleuAsnHisIleCysVallleAsnGluHisGly 212
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/761,277A
FILING DATE: 06-DEC-1996
CLASSIFICATION: 424
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        688 AATTIGAATCACGTITGTGTCATTAGTGAAACTGGA 723
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: Medlen & Carroll, Lip
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: California
COUNTRY: United States Of America
ZIP: 94104
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REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: GENITOPE-02406
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEPRACE (415) 397-838
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
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APPLICATION NUMBER: US 08/644,664
FILING DATE: 01-MAY-1996
ATTORNEY/AGENT INFORMATION:
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US-08-761-277A-13
Sequence 13, Application US/08761277A
Patent No. 5972334
GENERAL INFORMATION:
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Sequence -997-20, Application US/09484997;
Betent No. 6524818
GENERAL INFORMATION:
APPLICANT: SHERF, BRUCE
APPLICANT: SHERF, BRUCE
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR NON-TARGETED ACTIVATION OF
FILE REPRENCE: 0221-00034
CURRENT PILING DATE: 2000-01-18
FRIOR PAPLICATION NUMBER: US/09/484,997
CURRENT PILING DATE: 1999-03-26
FRIOR APPLICATION NUMBER: 09/159,643
FRIOR FILING DATE: 1999-03-06
FRIOR FILING DATE: 1999-03-08
FRIOR APPLICATION NUMBER: 09/263,022
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SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 20
LENGTH: 5247
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FILE OF INVENTION: ENDOGENOUS GENES
FILE REPERENCE: 0221-0003C
CURRENT APPLICATION NUMBER: US/09/479,122
CURRENT FILING DATE: 2000-01-07
PRIOR APPLICATION NUMBER: 09/276,820
PRIOR PLILING DATE: 1999-03-26
PRIOR PLILING DATE: 1999-03-26
PRIOR PLILING DATE: 1999-03-26
PRIOR PLILING DATE: 1998-03-26
PRIOR PLILING DATE: 1998-03-26
PRIOR PLILING DATE: 1998-03-05
PRIOR APPLICATION NUMBER: 09/253,814
PRIOR PLILING DATE: 1999-03-06
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ORGANISM: Homo sapiens
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Sequence 20, Application US/09481282

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APPLICANT: HARRINGTON.

APPLICANT: HARRINGTON.

TITLE OF INVENTION: ENONGENES

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CURRENT APPLICATION NUMBER: US/09/481,282

CURRENT APPLICATION NUMBER: US/09/481,282

CURRENT APPLICATION NUMBER: 09/159,643

PRIOR APPLICATION NUMBER: 09/159,643

PRIOR FILING DATE: 1999-09-26

PRIOR PELING DATE: 1999-03-06

PRIOR APPLICATION NUMBER: 09/263,814

FRIOR APPLICATION NUMBER: 09/253,022

PRIOR APPLICATION NUMBER: 09/253,022

PRIOR APPLICATION NUMBER: 09/253,022

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SEQ ID NO 20
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APPLICANT: HARRINGTON, JOHN J.
APPLICANT: HARRINGTON, JOHN J.
APPLICANT: HARRINGTON, JOHN J.
APPLICANT: RUNDLETT, STEPHEN
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR NON-TARGETED ACTIVATION OF
TITLE OF INVENTION: ENDOGENOUS GENES
FILE REFERENCE: 0221-0003F
CURRENT APPLICATION NUMBER: 09/276,820
PRIOR APPLICATION NUMBER: 09/276,820
PRIOR APPLICATION NUMBER: 09/159,643
PRIOR FILING DATE: 1998-03-24
PRIOR FILING DATE: 1998-03-24
PRIOR FILING DATE: 1999-03-08
PRIOR APPLICATION NUMBER: 09/263,814
PRIOR APPLICATION NUMBER: 09/263,814
PRIOR FILING DATE: 1999-03-08
PRIOR APPLICATION NUMBER: 09/253,022
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             4766 GGATTTGAAATTCCAGACAAGTTTGTTGTAGGATATGCCCTTGACTATAATGAATACTTC 4825
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US-09-481.355-20
Sequence 20, Application US/09481355
Patent No. 6524824
GENERAL INFORMATION:
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ORGANISM: Homo sapiens
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Query Match: 68.86% Indels: 1 DB: 4 Gaps: 1 US-09-902-705-2 (1-212) x US-09-455-659A-20 (1-5247)	1 MetAlathrArgSerProGlyValValValValValValValValValValValValValV	Oy 20 ASDLeuPheThrTyrProGlnHisTyrTyrGlyAspLeuGluTyrValLeulleProHis 39 :::	Oy 40 GlyllelleValAspArgileGluArgLeuAlaLysAspileMetLysAspileGlyTyr 59	Oy 60 SerAspIleMetValLeuCysValLeuLysGlyGlyTyrLysPheCysAlaAspLeuVal 79	Qy 80 GluHisLeuLysAsnIleSerArgAsnSerAgDArgPheValSerMetLysValAspPhe 99 :::::::::	Oy 100 IleargheulysSerTyrArghsnaspGlnSerMetGlyGluMetGlnIleIleGlyGly 119	Oy 120 GlyAspLeuSerThrLeuAlaGlyLygAsnPheLeuIleValGluAspValValGlyThr 139	Oy 140 GlyArgThrMetLysAlaLeuleuSerAsnIleGluLysTyrLysProAsnMetIleLys 159	Oy 160 ValalaSerLeuLeuValLysArgThrSerArgSerAspGlyPheArgProAspTyrAla 179	Qy 180 GlypheGluIleProHisLeubheValValGlyTyrAlaLeuhspTyrAsnGluTyrPhe 199	OY 200 ArgAspLeuAsnHisIleCysVallleAsnGluHisGly 212	RESULT 11 US-09-484-996-20 ; Sequence 20, Application US/09484996		; CTREENT APPLICATION NUMBER: US/09/484,996 ; CURRENT FILING DATE: 2000-01-18 ; PRIOR APPLICATION NUMBER: 09/276,820 ; PRIOR APPLICATION NUMBER: 09/276,820 ; PRIOR APPLICATION NUMBER: 09/263,814 ; PRIOR FILING DATE: 1998-03-08 ; PRIOR FILING DATE: 1998-03-08 ; PRIOR FILING DATE: 09/263,022	; PRION FILLING DAIE: 1999-02-19; PRION APPLICATION NUMBER: 09/159,643; PRIOR FILLING DAIE: 1998-09-24; PRIOR FILLING DAIE: 1998-09-24; PRIOR FILLING DAIE: 1997-09-26; NUMBER OF SEQ ID NOS: 33
Oy 40 GlyllelleValAspArglleGluArgLeuAlaLysAsplleMetLysAsplleGlyTyr 59	60 SerAspileMetValLeuCysValLeuLysGlyGlyTyrLysPheCysAlaAspLeuVal 	Qy 80 GluHisLeuLysAsnIleSerArgAsnSerAspArgPheValSerMetLysValAspPhe 99	Oy 100 IleargleulysSerTyrargasnaspGlnSerMetGlyGlwMetGlnIleIleGlyGly 119 Db 4526 ATCAGACTGAAGAGCTATTGTAATGACCAGTCAACAGGGGACATAAAAGTAATTGGTGGA 4585	Qy 120 GlyAspLeuSerThrLeuAlaGlyLysAsnPheLeulleValGluAspValValGlyThr 139 Db 4586 GATGATCTCTCAACTTTAACTGGAAAGAATGTCTTGATTGTGGAAGATATAATTGACACT 4645	Qy 140 GlyargThxMetLysalaLeuLeuSerAsnIleGluLysTyrLysProAsnMetlleLys 159 Db 4646 GGCAAAACAATGCAGCAGCTTTGCTTTGCTTTGCTTGGTCAGAGATGGTCAAG 4705	Oy 160 ValAlaSerLeuLeuValLysArgThrSerArgSerAspGlyPheArgProAspTyrAla 179	Qy 180 GlyPheGluIleProHisLeuPheValValGlyTyrAlaLeuAspTyrAsnGluTyrPhe 199	Oy 200 ArgaspieuasnHisileCysValileAsnGluHisGly 212	RESULT 10 US-09-455-659A-20 ; Sequence 20, Application US/09455659A	<pre>// Patent No. 6602886 // GENERAL INFORMATION: // APPLICANT: HARRINGTON, JOHN J. // APPLICANT: SHERF, BRUCE</pre>		CURRENT APPLICATION NUMBER: US/09/455,659A CURRENT FILING DATE: 1999-12-07 PRIOR APPLICATION NUMBER: 09/276,820 PRIOR FILING DATE: 1999-03-26	; PRIOR APPLICATION NUMBER: 09/263,814 PRIOR FILING DATE: 1999-03-08 ; PRIOR PILING DATE: 1999-02-19 ; PRIOR FILING DATE: 1999-02-19 ; PRIOR FILING DATE: 1999-02-19 ; PRIOR APPLICATION NUMBER: 09/159,643 ; PRIOR FILING DATE: 1998-09-24 ; PRIOR APPLICATION NUMBER: 08/941,223	<pre> ; PRIOR FILING DATE: 1997-09-26 ; NUMBER OF SEQ ID NOS: 33 ; SOFWARE: PatentIn Ver. 2.1 ; SEQ ID NO 20 ; LENGTH: 5247 ; TYPE: DNA ; ORGANISM: Homo sapiens US-09-455-659A-20</pre>	Alignment Scores: 3.97e-96 Length: 5247 Score: 768.50 Matches: 145 Percent Similarity: 82.63% Conservative: 31 Best Local Similarity: 68.08% Mismatches: 36

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TYPE: DNA
ORGANISM: Homo sapiens
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US-09-479-122-27
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APPLICANT: HARRINGTON, JOHN J.
APPLICANT: SHERF, BRUCE
APPLICANT: RUNDLETT, STEPHEN
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR NON-TARGETED ACTIVATION OF
TITLE OF INVENTION: ENDOGENOUS GENES
FILE REFERENCE: 0.221-0.003E
CURRENT APPLICATION NUMBER: US/09/479,123
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Matches:
Conservative:
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                                                                                                                                           Mismatches:
Indels:
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; Patent No. 6670185
; GENERAL INFORMATION:
                                                                                                   3.97e-96
768.50
82.63%
68.08%
68.86%
2.1
                                     TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                             Percent Similarity:
Best Local Similarity:
SOFTWARE: Patentin
SEQ ID NO 20
                                                                                         Alignment Scores:
                        LENGTH: 5247
                                                    ; ORGANISM: Hor
US-09-484-996-20
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CURRENT FILING DATE: 2000-01-07
PRIOR APPLICATION NUMBER: 09/263,814
PRIOR FILING DATE: 1999-03-08
PRIOR APPLICATION NUMBER: 09/253,022
PRIOR FILING DATE: 1999-02-19
PRIOR FILING DATE: 1999-02-19
PRIOR FILING DATE: 1998-09-24
PRIOR FILING DATE: 1998-09-24
PRIOR PRIOR APPLICATION NUMBER: 08/941,223
PRIOR FILING DATE: 1997-09-26
NUMBER: OF SEQ ID NOS: 33
SOFTWARE: PATENTIN VOY: 2.1
SEQ ID NO 20
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US-VY-484-99/-2/
) Sequence 27, Application US/09484997

Fatent No. 6524818

GENERAL INFORMATION:
APPLICANT: HAREINGTON, JOHN J.
APPLICANT: HAREINGTON, JOHN J.
APPLICANT: HAREINGTON GENES
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR NON-TARGETED ACTIVATION OF TITLE OF INVENTION: COMPOSITIONS GENES
FILE REFERENCE: 0221-0003J
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR NON-TARGETED ACTIVATION OF TITLE OF INVENTION: COMPOSITIONS GENES
FILE REFERENCE: 0221-0003J
CURRENT FILING DATE: 1999-01-18
PRIOR FILING DATE: 1999-09-26
PRIOR APPLICATION NUMBER: 09/266, 91
PRIOR FILING DATE: 1999-09-26
PRIOR PELING DATE: 1999-09-08
PRIOR FILING DATE: 1999-02-03-08
PRIOR FILING DATE: 1999-02-19
NUMBER OF SEQ ID NOS: 33
SOFTWARE: PACENTIN VEY: 2.1
SEQ ID NO 27
TANDER DATE: DATE: 1999-02-19
                                                                                  4833 GGATTTGAAATTCCAGACAAGTTTGTTGTAGGATATGCCCTTGACTATAATGAATACTTC 4892
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                                          GlyPheGluIleProHisLeuPheValValGlyTyrAlaLeuAspTyrAsnGluTyrPhe
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CORGANISM: Homo sapiens
US-09-484-997-27
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Best Local Similarity:
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US-09-484-997-27
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                                            GENERAL INFORMATION;

APPLICANT: HARRINGTON, JOHN J.

APPLICANT: SHERF, BRUCE

APPLICANT: RUNDLETT, STEPHEN

TITLE OF INVENTION: COMPOSITIONS GENES

FILE REFERENCE: 0221-0003C

CURRENT PAPLICATION NUMBER: 03/09/479,122

CURRENT FILING DATE: 1999-03-26

PRIOR APPLICATION NUMBER: 09/159,643

PRIOR PILING DATE: 1999-03-06

PRIOR PILING DATE: 1999-03-06

PRIOR PILING DATE: 1999-03-08

PRIOR FILING DATE: 1999-03-08

PRIOR FILING DATE: 1999-03-08

PRIOR FILING DATE: 1999-02-19

NUMBER OF SEQ ID NOS: 33

SOFTWARE: PALCHING VAIL

LENGTH: 5314
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Sequence 27, Application US/09479122
Patent No. 6410266
GENERAL INFORMATION:
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US-09-479-122-27
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                                          SerAspileMetValLeuCysValLeuLysGlyGlyTyrLysPheCysAlaAspLeuVal
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Sequence 232246,
Sequence 232246,
Sequence 2324824
GENERAL INFORMATION:
APPLICANT: HARRINGTON, JOHN J.
APPLICANT: HARRINGTON, JOHN J.
APPLICANT: HARRINGTON, JOHN J.
APPLICANT: RUNDLETT, STEPHEN
TITLE OF INVENTION: CONFOSITIONS AND METHODS FOR NON-TARGETED ACTIVATION OF
TITLE OF INVENTION: CONFOSITIONS GENES
TITLE OF INVENTION: CONFOSITIONS GENES
TITLE OF INVENTION: CONFOSITION OF
TITLE OF INVENTION NUMBER: 09/276,820
PRIOR FILING DATE: 1998-03-26
PRIOR FILING DATE: 1998-03-26
PRIOR FILING DATE: 1999-03-08
                                                                                               4712
                                                                                                                                                                       4293 ATGGCTACAGGTCGCAGCCCTGGCGTCGTGATTAGTGATGATGATGATGATGATCAGGTTATGACCTT 4352
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                :::|||||||
1353 GATTTATTTTGCATACCTAATCATTATGCTGAGGATTTTGGAAAGGGTGTTTATTCCTCAT 4412
  1593 ATCAGACTGAAGAGCTATTGTAATGACCAGTCAACAGGGGACATAAAAGTAATTGGTGGA 4652
                                                                                                                                                                                                                                                                      GlyArgThrMetLysAlaLeuLeuSerAsnIleGluLysTyrLysProAsnMetIleLys 159
                                                                                                                                                                                                                                      ValalaserLeuValLysArgThrSerArgSerAspGlyPheArgProAspTyrAla 179
                                                                                                                                                                                                                                                                                                                                  180 GlyPheGluIleProHisLeuPheValValGlyTyrAlaLeuAspTyrAsnGluTyrPhe 199
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GlyllelleValAspArgileGluArgLeuAlaLysAspIleMetLysAspIleGlyTyr 59
                                                                                            1653 GATGATCTCTCAACTTTAACTGGAAAGAATGTCTTGATTGTGGAAGATATAATTGACACT
                                                  120 GlyAspLeuSerThrLeuAlaGlyLysAsnPheLeuIleValGluAspValValGlyThr
                                                                                                                                                                                                                                                                                                                                                                                                                                                          1893 AGGGATTTGAATCATGTGTGTCATTAGTGAAACTGGA 4931
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145
136
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Matches:
Conservative:
Mismatches:
Indels:
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768.50
82.63%
68.08%
68.86%
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US-09-481-355-27
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Best Local Similarity:
Query Match:
DB:
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LENGTH: 5314
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GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
                                                                                 - protein search, using sw model
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August 28, 2004, 09:53:30; Search time 103 Seconds (without alignments) 106.259 Million cell updates/sec

US-09-902-705-2 1116 1 MATRSPGVVIMDDWPGYDLN......LDYNEYFRDLNHICVINEHG 212

Title: Perfect score: Sequence:

Scoring table:

389414 seqs, 51625971 residues BLOSUM62 Gapop 10.0 , Gapext 0.5 Searched:

389414 Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0 Maximum DB seq length: 200000000

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries

1: /cgr2 6/ptcdata/2/jaa/5A_COMB.pep:*
2: /cgn2 6/ptcdata/2/jaa/5B_COMB.pep:*
3: /cgn2 6/ptcdata/2/jaa/6A_COMB.pep:*
4: /cgn2 6/ptcdata/2/jaa/6B_COMB.pep:*
5: /cgn2 6/ptcdata/2/jaa/FCTUS_COMB.pep:*
6: /cgn2 6/ptcdata/2/jaa/FCTUS_COMB.pep:* Issued_Patents_AA: Database :

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Description	2	equence 4	equence 8	equence 7	-	equence 1	σ	4	m	Н	N	Н	Ŋ	496	306	909	50	Sequence 2, App	4,	47	57	'n	12	12	12	Ċ
ΙD	-09-189-	-09-786-24	-09-189-	US-09-189-833B-7	-08-644-6	-08-761-2	-09-189-8	-09-10	-09-134-001C-331	-09-189-833B	-09-540-236-230	-09-489-039A-1	-09-543-681A-596	-09-328-352-496	-252-991A-306	-09-134-0	19-107-532A-503	8-920-803A-	-08-92	-09-134-001C-4	-328-352-574	-08-993-260-	-07-977-434-1	8-458-819-	r-US91-07035-	00 000 000
Length DB	212 4	225 4	218 4	218 4	218 1	218 2	231 4	200 4	181 4	210 4	185 4	184 4	181 4	178 4	214 4	182 4	179 4	182 4	182 4	187 4	1028 4	494 3	892 1	892 1	892 5	
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Sequence 5898, Ap Sequence 31321, A Sequence 4797, Ap Sequence 6451, Ap Sequence 4, Appli Sequence 4, Appli Sequence 4, Appli Sequence 32777, A Sequence 32777, A Sequence 22477, A	
US-09-107-532A-5898 US-09-252-991A-31321 US-09-134-001C-4797 US-09-328-352-6451 US-09-328-352-6451 US-09-541-782-4 US-09-273-820-4 US-09-252-991A-32777 US-09-252-991A-32777 US-09-540-336-24	US-09-543-681A-7414 US-09-569-567-2 US-09-489-367-2 US-09-724-623-76 US-09-540-236-2596 US-09-328-352-5793
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ALIGNMENTS

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Sequence 2, Application US/09189833B
Sequence 2, Application US/09189833B
Patent No. 665346
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: Human Hypoxanthine - (Guanine) Phosphoribosyl Transferase - 2
FILE REFERENCE:
FILE REFERENCE:
FILE REFERENCE:
FILE OF INVENTION: HUMBER: US/09/189, 833B
CURRENT APPLICATION NUMBER: US 08/461,031
PRIOR FILING DATE: 1995-06-05
PRIOR FILING DATE: 1995-06-05
PRIOR FILING DATE: 1994-10-19
NUMBER OF SEQ ID NOS: 11
SOFTWARE: Patentin version 3.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 100.0%; Score 1116; DB 4; Length 212; Best Local Similarity 100.0%; Pred. No. 5.2e-125; Matches 212; Conservative 0; Mismatches 0; Indels 0
                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: PRT
ORGANISM: Homo sapiens
US-09-189-833B-2
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61 DIMVLCVLKGGYKFCADLVEHLKNISRNSDRFVSMKVDFIRLKSYRNDQSMGEMQIIGGG 120 121 DLSTLAGKNFLIVEDVVGTGRTMKALLSNIEKYKPNMIKVASLLVKRTSRSDGFRPDYAG 180 181 FEIPHLFVVGYALDYNEYFRDLNHICVINEHG 212 FEIPHLFVVGYALDYNEYFRDLNHICVINEHG 212 181 a à g ò g

RESULT 2
8.09-786-240-4
5.09-786-240-4
Fatent No. 6558935
GENERAL INFORMATION
APPLICANT: INCYTE PHARMACEUTICALS, INC.
APPLICANT: TANG, Y. TOM

Mon Aug 30 07:04:09 2004

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Sequence 8, Application US/09189833B
Patent No. 6653446
GENERAL INFORMATION:
APPLICANT: Bednarik et al.
TITLE OF INVENTION: Human Hypoxanthine-(Guanine) Phosphoribosyl Transferase-2
FILE PEPERENCE: P19381010
CURRENT APPLICATION NUMBER: US/09/189,833B
CURRENT FILING DATE: 1998-11-12
PRIOR APPLICATION NUMBER: US 08/461,031
RRIOR PILING DATE: 1995-66-05
RRIOR FILING DATE: 1994-10-19
NUMBER OF SEG ID NOS: 11
SOFTWARE: Patentin version 3.0 ö 133 186 67 VLKGGYKPCADLVEHLKNISRNSDRFVSMKVDFIRLKSYRNDQSMGEMQIIGGGDLSTLA 126 134 GKNVLIVEDVVGTGRTWKALLSNIEKYRPNMIKVASLLVKRTSRSDGFRPDYAGFEIPNL 193 73 14 GVVIMDDWPGYDLNLFTYPQHYYGDLEYVLIPHGIIVDRIERLAKDIMKDIGYSDIMVLC 127 GKNFLIVEDVVGTGRTMKALLSNIEKYKPNMIKVASLLVKRTSRSDGFRPDYAGFEIPHL 74 VLKGGYKFCADLVEHLKNISRNSDRFVSMKVDFIRLKSYRNDQSMGEMQIIGGGDLSTLA 7 GVVIMDDWPGYDLNLFTYPQHYYGDLEYVLIPHGIIVDRIERLAKDIMKDIGYSDIMVLC Gaps .. 0), ORGANISM: Cricetulus longicaudatus US-09-189-833B-8 Query Match Best Local Similarity 69.3% Matches 147; Conservative SEQ ID NO 8 LENGTH: 218 TYPE: PRT RESULT 3 US-09-189-833B-8

APPLICANT: Bedraria:

TITLE OF INVENTION: Human Hypoxanthine- (Guanine) Phosphoribosyl Transferase-2
FILE REFERENCE: PF138P1D1
CURRENT APPLICATION NUMBER: US/09/189,833B
CURRENT FILING DATE: 1998-11-12
PRIOR APPLICATION NUMBER: US 08/461,031
PRIOR FILING DATE: 1995-06-06
PRIOR FILING DATE: 1995-06-09
NUMBER: OF SEQ ID NOS: 11
SOFTWARE: Patentin version 3.0 ö 61 DIMVLCVLKGGYKFCADLVEHLKNISRNSDRFVSMKVDFIRLKSYRNDQSMGEMQIIGGG 120 121 DLSTLAGKNFLIVEDVVGTGRTWKALLSNIEKYKPNMIKVASLLVKRTSRSDGFRPDYAG 180 1 MATRSPSVVISDDEPGYDLDLFCIPNHYVEDLEKVFIPHGVIMDRTERLARDVMKEMGGH 60 69.8%; Score 779; DB 4; Length 218; 68.4%; Pred. No. 9.8e-85; Indels 181 FEIPDKFVVGYALDYNEYFRDLNHICVISETG 212 181 FEIPHLFVVGYALDYNEYFRDLNHICVINEHG 212 31; Mismatches Sequence 7, Application US/09189833B Patent No. 6653446 GENERAL INFORMATION: Query Match Best Local Similarity 68.4' Matches 145; Conservative ; ORGANISM: Homo sapiens US-09-189-8338-7 US-09-189-833B-7 엄 ò QQ ઠે g δ

121 DLSTLIGGRAVLIVEDIIDTGKTMQTLLSLVRQXNPRAVKVKVASLLVKRTPRSVGYRPDFVG 180 61 HIVALCVLKGGYKFFADLLDYIKALNRNSDRSIPMTVDFIRLKSYCNDQSTGDIKVIGGD 120 DLSTLAGKWFLIVEDVVGTGRTWKALLSNIEKYKPNMIKVASLLVKRTSRSDGFRPDYAG 180 1 MATRSPGVVISDDEPGYDLDLFCIPNHYAEDLERVFIPHGLIMDRTERLARDVMKEMGGH 60 1 MATRSPGVVIMDDWPGYDLNLFTYPQHYYGDLBYVLIPHGIIVDRIERLAKDIMKDIGYS 61 DIMYLCVLKGGYKFCADLVEHLKNISRNSDRFVSMKVDFIRLKSYRNDQSMGEMQIIGGG Sequence 14, Application US/08644664B
Patent No. 5776746
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Denney Jr., Dan W.
TILE OF INVENTION: Gene Amplication Methods
NUMBER OF SEQUENCES: 42
CORRESPONDENCE ADDRESS: 42
ADDRESSEE: Medlen & Carroll, LLP
STEERT: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: California
COUNTRY: United States Of America
ZIP: 94104 181 FEIPHLFVVGYALDYNEYFRDLNHICVINEHG 212 FEIPDKFVVGYALDYNEYFRDLNHVCVISETG RESULT 5 US-08-644-664B-14 181

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70.4%; Score 786; DB 4; Length 218; 69.3%; Pred. No. 1.4e-85; active 30; Mismatches 35; Indels

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US-08-761-277A-14

Sequence 14, Application US/08761277A

Patent No. 597234

GENERAL INFORMATION:

TITLE OF INVENTION: Vaccines For Treatment Of Lymphoma And TITLE OF INVENTION: Leukemia

NUMBER OF ESQUENCES: 80

CORRESPONDENCE ADDRESS:

ADDRESSEE: Medlen & Carroll, LLP

STREET: 220 Montgomery Street, Suite 2200

CITY: San Francisco

STATE: California

COUNTRY: United States Of America
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    69.2%; Score 772; DB 1; Length 218; 67.9%; Pred. No. 6.7e-84;
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/761,277A
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/644,664B
FILING DATE: 01-MAY-1996
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       36;
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                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
NAME: Ingolia, Diane E.
REGISTRAITON NUMBER: 40,027
REFERENCE/DOCKET NUMBER: GENITOPE-00912
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 397-8338
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 218 amino acids
TYPE: amino acid
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06-DEC-1996
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APPLICATION NUMBER: US 08/644,664
FILING DATE: 01-MAY-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Best Local Similarity 67.9%
Matches 144; Conservative
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MOLECULE TYPE: protein
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CLASSIFICATION:
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GENERAL INCORMATION:
APPLICANT: Bednarik et al.
APPLICANT: Bednarik et al.
TITLE OF INVENTION: Human Hypoxanthine-(Guanine) Phosphoribosyl Transferase-2 TITLE OF INVENTION: Human Hypoxanthine-(Guanine) Phosphoribosyl Transferase-2 FILE REPERBYCE: PF138P101
CURRENT FILING DATE: 1998-11-12
CURRENT FILING DATE: 1998-11-12
PRIOR APPLICATION NUMBER: PCT/US94/11914
PRIOR FILING DATE: 1994-10-19
NUMBER OF SEQ ID NOS: 11
SEQ ID NOS: 11
SEQ ID NOS: 11
SEQ ID NOS: 11
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      58 GYSDIMVLCVLKGGYKFCADLVEHLKNISRNSDRFVSMKV---DFIRLKSYRNDQSMGEM 114
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             66 NNEEFHILCLLKGSRGFFTALLKHLSRIHNYSAVEMSKPLFGEHYVRVKSYCNDQSTGTL 125
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 MPTRSPSVVISDDEPGYDLDLFCIPNHYAEDLEKVFIPHGLIMDRTERLARDVMKEMGGH
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 218;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Opery Match
69.2%; Score 772; DB 2; Length 21
Best Local Similarity 67.9%; Pred. No. 6.7e-84;
Matches 144; Conservative 32; Mismatches 36; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Indels
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40.0%; Score 446.5; DB 4;
Best Local Similarity 42.7%; Pred. No. 5.6e-45;
Matches 93; Conservative 41; Mismatches 73;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               181 FEIPDKFVVGYALDYNEYFRNLNHVCVISETG 212
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               181 PEIPHLFVVGYALDYNEYFRDLNHICVINEHG 212
ATTORNEY/AGENT INFORMATION:
NAME: MacKnight, Kamrin T.
REGISTRATION NUMBER: 38,20
REFERENCE/DOCKET NUMBER: GENITOPE-02406
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 397-8338
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 9, Application US/09189833B Patent No. 6653446
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                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 218 amino acids TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY: linear

MOLECULE TYPE: protein

US-08-761-277A-14
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APPLICANT: Lynn Doucette-Stamm et al TITLE OF INVENTOION:
APPLICANT: Lynn Doucette-Stamm et al TITLE OF INVENTOION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO STAPHYLOCOCCU TITLE OF INVENTION: BEIDERMIDIS FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: GTC-007
CURRENT APPLICATION NUMBER: US/09/134,001C
CURRENT FILING DATE: 1996-08-13
PRIOR FILING DATE: 1997-11-08
PRIOR FILING DATE: 1997-10-08
PRIOR FILING DATE: 1997-08-14
NUMBER OF SEQ ID NOS: 5674
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           141 RTMKALLSNIEKYKPNMIKVASLLVKRTSRSDGFRPDYAGFEIPHLFVVGYALDYNEYFR 200
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         31 DLEYVLIPHGIIVDRIERLAKDIMKDIG-----YSDIMVLCV--LKGGYKFCADLVEHL
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
19.9%; Score 222.5; DB 4;
Best Local Similarity 29.3%; Pred. No. 2.8e-18;
Matches 54; Conservative 46; Mismatches 65;
                                                                                                                                                                                                                                            Sequence 3318, Application US/09134001C Patent No. 6380370
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; ORGANISM: Staphylococcus epidermidis
US-09-134-001C-3318
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208 I 208
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TYPE: PRT
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                                                                                                                                                                                                                                                                          Sequence 4646, Application US/09107532A
; Patent No. 6583275
; GENERAL INFORMATION:
APPLICANT: Lynn A Doucette-Stamm and David Bush
TITLE OF INVENTION: NUCLEIC ACID AND ANINO ACID SEQUENCES RELATING TO
ENTEROCOCCUS FAECTUM FOR DIAGNOSTICS AND THERAPEUTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       7;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           149 NIEKY-KPNMIKVASLLVKRISRSDGFRPDYAGFEIPHLFVVGYALDYNEYFRDLNHICV 207
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SERVINE SERVINITY SERVINIT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        31 DLEYVLIPHGIIVDRIERLAKDIMKDIGYSDIMVLCVLKGGYKFCADLVEHLKNISRNSD 90
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    58; Indels 15; Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
ADDRESSEE: GENOME THERAPEUTICS CORPORATION
STREET: 100 Beaver Street
CITY: Waltham
STATE: Massachusetts
COUNTRY: USA
                                  175 RPDYAGFEIPHLFVVGYALDYNEYFRDLNHICVINEHG 212
                                                                        COMPUTER READABLE FORM:

MEDIUM TYPE: CD/ROM ISO9660

COMPUTER: PC

COMPUTER: DC

SOFTWARE: ASCII

CURRENT APPLICATION DATA:

PILING DATE: 30-Jun-1998

FILING DATE: 14 May 1998

FILING DATE: 14 May 1998

APPLICATION NUMBER: 60/085,598

RILING DATE: JA MAY 1998

ATTORNEY AGENT INDRMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME/KEY: misc_feature

DOCATION: (B) LOCATION 1...200
SEQUENCE DESCRIPTION: SEQ ID NO: 4646:
US-09-107-532A-4646
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Ariniello, Pamela Deneke
REGISTRATION VUNBER: 40,489
REFERENCE DOCKET NUMBER: GTC-012
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Enterococcus faecium
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEPHONE: (781)893-5007
TELEFAX: (781)893-8277
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 200 amino acids TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO: 4646:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 7310
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHETICAL: YES
ORIGINAL SOURCE:
                                                                                                                                                                                                                                            US-09-107-532A-4646
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PARENEAL INCORMATION:
APPLICANT: GARY BRETON
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PROTEUS MIRABIL.
TITLE OF INVENTION: NUCLEIC ACID AND THERAPEUTICS
TITLE OF INVENTION: UNABER: US/09/543,681A
CURRENT APPLICATION NUMBER: US 60/128,706
PRIOR APPLICATION NUMBER: US 60/128,706
NUMBER OF SEQ ID NOS: 8344
SEQ ID NO 5968
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 4965, Application US/09328352
Patent No. 6562958
GENERAL INFORMATION:
APPLICANT: Gary L. Breton et al.
TITLE OF INVENTION: BAUMANNII FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: GTC99-03PA
FILE REPERENCE: GTC99-03PA
CURRENT APPLICATION NUMBER: US/09/328,352
CURRENT FILING DATE: 1999-06-04
NUMBER OF SEQ ID NOS: 8252
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               150 IEKYKPNMIKVASLLVKRTSRSDGFRPDYAGFEIPHLFVVGYALDYNEYFRDL---NHIC 206
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              93 VSMKVDFIRLKSYRNDQS-MGEMQIIGGGDLSTLAGKNFLIVEDVVGTGRIMKALLSNIE 151
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                                                                                                                                      35 VLIPHGIIVDRIERLAKDIMKDI--GYSDIMVLCVLKGGYKFCADLVEHLKNISRNSDRF
                                                                                                                                                                                                                                                                                                              64 VPHEVDFMTASSYGSGMSTTRDVKILKDLD-EDIRGKDVLIVEDIIDSGNTLSKVREILS
                                                                                                                                                                                                                                                                                                                                                                                                                                                        152 KYKPNMIKVASLLVKRISRSDGFRPDYAGFEIPHLFVVGYALDYNEYFRDLNHI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    13;
                                                                                                                                                                              Length 184;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              17.4%; Score 194; DB 4; Length 181; 28.8%; Pred. No. 5.5e-15; Eive 41; Mismatches 72; Indels
                                                                     Indels
Query Match
18.1%; Score 202.5; DB 4;
Best Local Similarity 30.5%; Pred. No. 5.5e-16;
Matches 53; Conservative 38; Mismatches 70;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 5968, Application US/09543681A
Patent No. 6605709
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Proteus mirabilis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       53; Conservative
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LLDE 181
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US-09-328-352-4965
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Matches 5
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
APPLICANT: GARY L. Breton et al.
APPLICANT: GARY L. Breton et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO MORAKELLA CATAR
TITLE OF INVENTION: POR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 2709.2005-001
CURRENT APPLICATION NUMBER: US/09/540,236
CURRENT FILING DATE: 2000-04-04
NUMBER OF SEQ ID NOS: 3840
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 12490, Application US/09489039A
Patent No. 6610836
GENERAL INFORMATION.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA TITLE OF INVENTION: NUMBER: 08/09/489,039A
CURRENT ELILNG DATE: 2000-01-27
CURRENT APPLICATION NUMBER: US 60/117,747
PRIOR PILING DATE: 1999-01-29
NUMBER OF SEQ ID NOS: 14342
SEQ ID NO 12490
LENGTH: 184
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                                                                                                                                                                                                                      68 ---GDFGVPTRVEFLRASSYGHDTKSCGRVDVKADG-LCDIRGKHVLVLEDILDTALTLR 123
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                                                                                                                                                                       SRNSDRFVSMKVDFIRLKSYRND-QSMGEMQIIGGGDLSTLAGKNFLIVEDVVGTGRTMK 144
                                                                                                                                                                                                                                                                                                                     ALLSNIEKYKPNMIKVASLLVKRTSRSDGFRPDYAGFEIPHLFVVGYALDYNEYFRDLNH 204
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                                                                                13 VLFTEAELHTRMRGVAQRIADD--YSNCNLKPLENPLVIVSVLKGSFVFTADMVRIL--- 67
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ERLAKDIMKDIG-----YSD---IMVLCVLKGGYKFCADLVEHLKNISRNSDRFVSMK 96
                                        --- IMVLCVLKGGYKFCADLVEHLKNI 85
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                                           VLIPHGIIVDRIERLAKDIMKDIGYSD-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 2305, Application US/09540236 Patent No. 6673910
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; ORGANISM: Klebsiella pneumoniae
US-09-489-039A-12490
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CRGANISM: M.catarrhalis
US-09-540-236-2305
                                                                                                                                                                                                                                                                                                                                                                                                                                                            205 ICVI 208
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VVIL 187
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US-09-489-039A-12490
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RESULT 15

US-09-252-991A-30612

US-09-252-991A-30612

Sequence 30612, Application US/09252991A

Patent No. 6551795

GENERAL INFORMATION:
TITLE OF INVENTION: NUCLEIC ACID AND ANINO ACID SEQUENCES RELATING TO PSEUDOMONAS;
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS

TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS

TITLE OF INVENTION: ACRUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS

CURRENT APPLICATION NUMBER: US/09/252,991A

CURRENT FILING DATE: 1998-02-18

PRIOR APPLICATION NUMBER: US 60/074,788

PRIOR PILING DATE: 1998-02-18

PRIOR FILING DATE: 1998-07-27

NUMBER OF SEQ ID NOS: 33142

LENGTH: 214
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                                                                                                                                                                                                                                                                                                                                                                                     46 IERLAKDIMKDIGYSDIMVLCVLKGGYKFCADLVEHLKNISRNSDRFVSMKVDFIRLKSY 105
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                                                                                                                                                                                                 10 IMISTEELQAKVKELGEQINSHYANSDKELVLIGLLRGSVIFMADL---CRTITKPHE-- 64
                                                                                                                     38; Gaps
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14.1%; Score 157; DB 4; Length 214;
Best Local Similarity 26.2%; Pred. No. 1.9e-10;
Matches 42; Conservative 36; Mismatches 66; Indels 16; Gaps
                                                                 Query Match
17.0%; Score 190; DB 4; Length 178;
Best Local Similarity 26.0%; Pred. No. 1.6e-14;
Matches 50; Conservative 44; Mismatches 60; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; ORGANISM: Acinetobacter baumannii
US-09-328-352-4965
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ORGANISM: Pseudomonas aeruginosa
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              169 --- HLPFIGEIG 177
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US-09-252-991A-30612
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Search completed: August 28, 2004, 14:51:36 Job time : 105 secs

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August 28, 2004, 14:38:07 ; Search time 438 Seconds (without alignments) 152.278 Million cell updates/sec
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1 MATRSPGVVIMDDWPGYDLN.....LDYNEYFRDLNHICVINEHG 212
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2: \cgn2_6/ptodata/2/pubpaa/PCT_RW PUBL.pep:*
3: \cgn2_6/ptodata/2/pubpaa/PCT_RW PUBL.pep:*
4: \cgn2_6/ptodata/2/pubpaa/US06_NWW PUB.pep:*
5: \cgn2_6/ptodata/2/pubpaa/US06_NWW PUB.pep:*
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7: \cgn2_6/ptodata/2/pubpaa/US08_PUBCOMB.pep:*
8: \cgn2_6/ptodata/2/pubpaa/US08_PUBCOMB.pep:*
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GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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Maximum Match 100%
Listing first 45 summaries
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Gapop 10.0 , Gapext 0.5
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Maximum DB seq length: 2000000000
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Description	Seguence 2, Appli	Seguence 2, Appli	Sequence 4, Appli	Sequence 2599, Ap	Sequence 8, Appli	Sequence 8, Appli	Sequence 7, Appli	Sequence 7, Appli	Sequence 433, App	Sequence 14, Appl	Sequence 14, Appl	Sequence 9, Appli	Sequence 9, Appli	Sequence 13, Appl	Sequence 19356, A
ΩΙ	US-09-189-833B-2	US-09-902-705-2	US-10-427-631-4	US-10-264-049-2599	US-09-189-833B-8	US-09-902-705-8	US-09-189-833B-7	US-09-902-705-7	6 US-10-408-765A-433	US-09-925-664-14	US-09-925-192-14	US-09-189-833B-9	US-09-902-705-9	US-10-102-143-13	US-10-369-493-19356
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% Query Match Length DB	212	212	225	230	218	218	218	218	218	218	218	231	231	230	165
% Query Match	100.0	100.0	95.8	95.4	70.4	70.4	69.8	69.8	8.69	69.2	69.2	40.0	40.0	30.4	23.8
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Sequence 18445, A Sequence 18673, A Sequence 18513, A Sequence 18739, A Sequence 18739, A Sequence 18739, A Sequence 6465, Ap Sequence 60371, A Sequence 10077, A Sequence 11989, A Sequence 10, Appl Sequence 10, Appl Sequence 10, Appl Sequence 11,
15 US-10-369-493-18445 15 US-10-369-493-23048 15 US-10-369-493-18289 15 US-10-369-493-18289 15 US-10-369-493-18289 15 US-10-369-493-186 15 US-10-369-493-186 15 US-10-369-493-186 15 US-10-369-493-189 15 US-10-369-493-189 15 US-10-369-493-1899 17 US-10-369-493-1899 18 US-10-369-493-1899
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ALIGNMENTS

APPLICANT: Bednaria:

APPLICANT: Bednaria:

TITLE OF INVENTION: Human Hypoxanthine-(Guanine) Phosphoribosyl Transferase-2
FILE REFERENCE: PF1398P101

CURRENT APPLICATION NUMBER: US/09/189, 833B

CURRENT FILING DATE: 1998-11-12
PRIOR FILING DATE: 1995-06-05
PRIOR FILING DATE: 1995-06-05
PRIOR FILING DATE: 1994-10-19
NUMBER OF SEQ ID NOS: 11
SOFTWARE: Patentin version 3.0
SEQ ID NO 2 ò 120 DISTLAGKNFLIVEDVVGTGRTMKALLSNIEKYKPNMIKVASLLVKRTSRSDGFRPDYAG 180 61 DIMVLCVLKGGYKFCADLVEHLKNISRNSDRFVSMKVDFIRLKSYRNDQSMGEMQIIGGG 120 9 09 1 MATRSPGVVIMDDWPGYDLNLFTYPQHYYGDLBYVLIPHGIIVDRIBRLAKDIMKDIGYS DIMYLCYLKGGYKFCADLVEHLKNISRNSDRFVSMKVDFIRLKSYRNDQSMGEMQIIGGG 1 MATRSPGVVIMDDWPGYDLNLFTYPQHYYGDLEYVLIPHGIIVDRIBRLAKDIMKDIGYS 100.0%; Score 1116; DB 9; Length 212; 100.0%; Pred. No. 1.8e-115; ive 0; Mismatches 0; Indels 0; ; Sequence 2, Application US/09189833B; Patent No. US20020065393A1; GENERAL INFORMATION: Query Match Best Local Similarity 100. Matches 212; Conservative TYPE: PRT
CRGANISM: Homo sapiens
US-09-189-833B-2 US-09-189-833B-2 61 121 121 ò 셤 $\stackrel{>}{\circ}$ ò g

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TYPE: PRT
ORGANISM: Homo sapiens
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US-10-264-049-2599
SOFTWARE: PERL Program
SEQ ID NO 4
LENGTH: 225
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                                                                                                                                  Sequence 2, Application US/09902705
Patent No. US2020001695A1
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: Human Hypoxanthine-(Guanine) Phosphoribosyl Transferase-2
FILE REFERENCE: PR138P1C1
CURRENT APPLICATION UNMER: US/09/902,705
FRIOR APPLICATION NUMBER: US 08/461,031
PRIOR APPLICATION NUMBER: PCT/US94/11914
PRIOR APPLICATION NUMBER: PCT/US94/11914
PRIOR FILING DATE: 1994-10-19
NUMBER: OF SEQ ID NOS: 11
SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         61 DIMVLCVLKGGYKFCADLVEHLKNISRNSDRFVSMKVDFIRLKSYRNDQSMGEMQIIGGG 120
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APPLICANT: CORLEY, Neil C.; GUEGLER, Karl J.;
APPLICANT: CORLEY, Neil C.; GUEGLER, Karl J.;
APPLICANT: CORLEY, Neil C.; GUEGLER, Karl J.;
APPLICANT: YUE, Henry; HILLMAN, Jennifer L.;
APPLICANT: YUE, Henry; HILLMAN, Jennifer L.;
APPLICANT: AZIMZAI, Yalda
TITLE OF INVENTION: HUMAN TRANSFERASE PROTEINS
FILE REFERENCE: PF-0592-1 DIV
CURRENT APPLICATION NUMBER: US /10/427,631
CURRENT APPLICATION NUMBER: US 99/20989
PRIOR FILING DATE: 2002-03-12
PRIOR FILING DATE: 1999-09-09
PRIOR PELLING DATE: 1999-09-09
PRIOR PELLING DATE: 1999-09-10
PRIOR FILING DATE: 1999-09-10
PRIOR FILING DATE: 1999-01-10
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PRIOR PELLING DATE: 1999-01-10
PRIOR PELLING DATE: 1999-01-10
PRIOR PELLING DATE: 1999-01-10
PRIOR PELLING DATE: 1999-01-11
PRIOR PELLING DATE: 1999-05-11
                            181 FEIPHLFVVGYALDYNEYFRDLNHICVINEHG 212
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Best Local Similarity 100.
Matches 212; Conservative
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 212
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US-10-427-631-4
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74 VLKGGYKFCADLVEHLKNISRNSDRFVSMKVDFIRLKKSYRNDQSMGEMQIIGGGDLSTLA 133
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                                                                                                                                                                                                                                                                                                                                                                                                 67 VLKGGYKFCADLVEHLKNISRNSDRFVSMKVDFIRLKSYRNDQSMGEMQIIGGGDLSTLA 126
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        67 VLKGGYKFCADLVEHLKNISRNSDRFVSMKVDFIRLKSYRNDQSMGEMQIIGGGDLSTLA 126
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 95.4%; Score 1065; DB 15; Length 230; Best Local Similarity 98.5%; Pred. No. 9.6e-110; Matches 203; Conservative 1; Mismatches 2; Indels 0;
                                                                                                                                    Length 225;
NAME/KEY: misc feature
) OTHER INFORMATION: Incyte ID No. US20030175923A1 1404963CD1
US-10-427-631-4
                                                                                                                                                                                                  Indels
                                                                                                                                Query Match 95.8%; Score 1069; DB 14; Best Local Similarity 98.5%; Pred. No. 3.3e-110; Matches 203; Conservative 2; Mismatches 1;
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61 DIMVLÇVLKGGYKFCADLVEHLKNISRNSDRFVSMKVDFIRLKSYRNDQSMGEMQIIGGG 120
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                                                                                                                                                                                                                                                                                                 181 FEIPDKFVVGYALDYNEYFRDLNHICVISETG 212
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CRGANISM: Homo sapiens
US-09-189-833B-7
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US-09-189-833B-7
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US-09-902-705-7
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                                         Sequence 8, Application US/09189833B
Sequence 8, Application US/09189833B
Patent No. US2002065393Al
GENERAL INFORMATION:
TITLE OF INVENTION: Human Hypoxanthine-(Guanine) Phosphoribosyl Transferase-2
FILE REFERENCE: PF138PLD1
CURRENT APPLICATION NUMBER: US/09/189,833B
CURRENT FILING DATE: 1998-11-12
PRIOR PILING DATE: 1998-01-12
PRIOR FILING DATE: 1995-06-05
PRIOR PFILING DATE: 1995-06-05
PRIOR FILING DATE: 1991-10-19
NUMBER OF SEQ ID NOS: 11
SOFTWARE: Patentin version 3.0
SEQ ID NO 8
LENGTH: 218
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Sequence No. US20020081695A1
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: Human Hypoxanthine-(Guanine) Phosphoribosyl Transferase-2
FILE REPERENCE: PF138P1C1
CURRENT APPLICATION NUMBER: US/09/902,705
CURRENT PILING DATE: 2001-07-12
FRIOR PILING DATE: 1995-06-05
FRIOR PILING DATE: 1995-06-05
FRIOR PILING DATE: 1995-06-05
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Sequence 7, Application US/09189833B
Sequence 7, Application US/09189833B
Patent No. US2020065393A1
GENERAL INFORMATION:
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Sequence 7, Application US/09902705

Patent No. US2020081695A1

GENERAL INFORMATION:

APPLICANT: Bednarik et al.

TITLE OF INVENTION: Human Hypoxanthine- (Guanine) Phosphoribosyl Transferase-2

FILE REFERENCE: PF1381D11

CURRENT APPLICATION NUMBER: US/09/902,705

FRIOR APPLICATION NUMBER: US/08/461,031

PRIOR FILING DATE: 1995-06-05

PRIOR FILING DATE: 1995-06-05

PRIOR APPLICATION NUMBER: PCT/US94/11914

PRIOR APPLICATION NUMBER: PCT/US94/11914

PRIOR SEQ ID NOS: 11

NUMBER OF SEQ ID NOS: 11
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| Sequence 433, Application US/10408765A
| Publication No. US20040101874A1
| SERERAL INFORMATION:
| APPLICANT: Ghosh, Soumitra S. APPLICANT: Ghang, Bing
| APPLICANT: APAIGN, Bing
| APPLICANT: Taylor, Steven W. APPLICANT: Taylor, Steven W. APPLICANT: Glbson, Bradford W. APPLICANT: Taylor, Dale E. TITLE OF INVENTION: TARGETS FOR THERAPEUTIC INTERVENTION
| TITLE OF INVENTION: IDENTIFIED IN THE MITOCHONDRIAL PROFEOME FILE REFERENCE: 660088.465 |
| CURRENT APPLICATION NUMBER: US/10/408,765A |
| CURRENT FILING DATE: 2003-04-04 |
| NUMBER OF SEQ ID NOS: 3077 |
| SOFTWARE: FastSEQ for Windows Version 4.0 |
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69.8%; Score 779; DB 16; Length 218;
Best Local Similarity 68.4%; Pred. No. 5.4e-78;
Matches 145; Conservative 31; Mismatches 36; Indels
                                                                                                   Ouery Match 69.8%; Score 779; DB 9; Length 218; Best Local Similarity 68.4%; Pred. No. 5.4e-78; Matches 145; Conservative 31; Mismatches 36; Indels
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                                 TYPE: PRT
CRGANISM: Homo sapiens
US-09-902-705-7
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US-10-408-765A-433
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                LENGTH: 218
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Publication No. US20040096452A1
GENERAL INFORMATION:
APPLICANT: Denney, UT., Dan W.
TITLE OF INVENTION: Vaccines for Treatment of Lymphoma and Leukemia FILE REFERENCE: GENITOPE-06493
CURRENT APPLICATION NUMBER: US/09/925,192
CURRENT FILING DATE: 2001-08-09
NUMBER OF SEQ ID NOS: 80
SOFTWARE: Patentin version 3.2
Sequence 14, Application US/09925664

Patent No. US20020160006A1

GENERAL INFORMATION:
TITLE OF INFORMATION:
TITLE OF INFORMATION:
FILE REFERENCE:
CURRENT APPLICATION NUMBER: US/09/925,664

CURRENT APPLICATION NUMBER: US/09/925,664

CURRENT PELLING DATE: 1990-09

PRIOR APPLICATION NUMBER: 09/370,453

PRIOR RILING DATE: 1996-05-01

PRIOR PELLOR DATE: 1996-05-01

PRIOR FILING DATE: 1996-05-01

PRIOR FILING DATE: 1996-05-01

PRIOR FILING DATE: 1996-05-01

PRIOR FILING DATE: 1996-05-01

NUMBER OF SEQ ID NOS: 80

NUMBER OF SEQ ID NOS: 80
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Best Local Similarity 67.9%; Pred. No. 3.2e-77;
Matches, 144; Conservative 32; Mismatches 36;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  181 FEIPDKFVVGYALDYNEYFRNLNHVCVISETG 212
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Mus musculus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ) ORGANISM: Mus musculus
US-09-925-192-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQ ID NO 14
LENGTH: 218
TYPE: PRT
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                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 218
                                                                                                                                                                                                                                                                                                                                                                                                      SEQ ID NO 14
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66 NNEEFHILCLIKGSRGFFTALLKHLSRIHNYSAVEMSKPLFGEHYVRVKSYCNDQSTGTL 125
                                                                                                                                                                                                                                                                                                                                                                                                   136 VYGTGRTMKALLSNIEKYKPNMIKVASILVKRTSRSDGFRPDYAGFEIPHLFVVGYALDY 195
                                                                                                                                                                                                                                                                           58 GYSDIMVLCVLKGGYKFCADLVEHLKNISRNSDRFVSMKV---DFIRLKSYRNDQSMGEM 114
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              28 YNADDFLVPPHCKPYIDKILLPGGLVKDRVEKLAYDIHRTYFGEELHIICILKGSRGFFN 87
                                                                                                                                                                                                                                                                                                                                                                         115 QIIGGGDLSTLAGKNFLIVEDVVGTGRTMKALLSNIEKYKPNMIKVASLLVKRTSRSDGF
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                                                                                                                                                                                                       6 NPGAGENAFDPVFVKDDGYDLDSFMIPAHYKKYLTKVLVPNGVIKNRIEKLAYDIKKVY
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                                                                         Length 231;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 30.4%; Score 339; DB 14; Length 230; Best Local Similarity 34.4%; Pred. No. 4.5e-29; Matches 67; Conservative 50; Mismatches 76; Indels
                                                                                                                        Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ) OTHER INFORMATION: Description of Artificial Sequence:
, OTHER INFORMATION: pTetO7Sag1-HXGPRT
US-10-102-143-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    175 RPDYAGFEIPHLFVVGYALDYNEYFRDLNHICVINEHG 212
                                                                      Query Match
40.0%; Score 446.5; DB 9;
Best Local Similarity 42.7%; Pred. No. 5.2e-41;
Matches 93; Conservative 41; Mismatches 73;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 13, Application US/10102143
Publication No. US2030185851A1
GENERAL INFORMATION
APPLICANT: Soldati, Dominique
APPLICANT: Meissner, Markus
TITLE OF INVENTION: TET transactivator system
FILE REFERENCE: 04630/016001
CURRENT APPLICATION TUMBER: US/10/102,143
CURRENT APPLICATION NUMBER: US/10/102,143
NUMBER OF SEQ ID NOS: 31
SOFTWARE: Patentin Ver. 2.1
LENGTH: 230
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-10-369-493-19356
Sequence 19356, Application US/10369493
Publication No. US2030233675A1
GRNERAL INFORMATION:
APPLICANT: Cao, Yongwei
, OKGANISM: Plasmodium falciparum US-09-902-705-9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 196 NEYFRDLNHICVINE 210
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207 NEMFRDFDHVAVLSD 221
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US-10-102-143-13
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US-09-902-705-9
IS equance 9, Application US/09902705
Patent No. US2002001695A1
GENERAL INFORMATION:
TITLE OF INVENTION: Human Hypoxanthine-(Guanine) Phosphoribosyl Transferase-2
FILE REFERENCE: PF138P1C1
CURRENT PELLON NUMBER: US/09/902,705
CURRENT PELLON NUMBER: US/09/902,705
PRIOR APPLICATION NUMBER: US/08/461,031
PRIOR FILING DATE: 1995-06-05
PRIOR FILING DATE: 1995-06-05
PRIOR FILING DATE: 1994-10-19
NUMBER OF SEQ ID NOS: 11
SEQ ID NOS: 11
SEQ ID NO 9
LENGTH: 231
                                                                                                                                                                                                                                                                                                          Sequence 9, Application US/09189833B
Patent No. US20020065393Al
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: Human Hypoxanthine-(Guanine) Phosphoribosyl Transferase-2
FILE REPERENCE: Pri38PLDI
CURRENT APPLICATION NUMBER: US/09/189,833B
CURRENT FILING DATE: 1998-01-12
PRIOR APPLICATION NUMBER: US/09/189,411914
PRIOR FILING DATE: 1995-06-05
PRIOR APPLICATION NUMBER: PCT/US94/11914
PRIOR FILING DATE: 1995-06-05
PRIOR PLING DATE: 1996-10-19
NUMBER OF SEQ ID NOS: 11
SOFTWARE: PatentIn version 3.0
                                                                           121 DLSTLIGKAVLIVEDIIDIGKIMQTLLSLVKQYSPKMVKVASLLVKRISRSVGYRPDFVG 180
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     66 NNEEFHILCLLKGSRGFFTALLKHLSRIHNYSAVEMSKPLFGEHVVRVKSYCNDQSTGTL 125
61 HIVALCVLKGGYKFFADLLDYIKALNRNSDRSIPMTVDFIRLKSYCNDQSTGDIKVIGGD 120
                                                 DISTLAGKNFLIVEDVVGTGRTMKALLSNIEKYKPNMIKVASLLVKRTSRSDGFRPDYAG 180
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40.0%; Score 446.5; DB 9; Length
Best Local Similarity 42.7%; Pred. No. 5.2e-41;
Matches 93; Conservative 41; Mismatches 73; Indels
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                                                                                                                                             181 FEIPHLFVVGYALDYNEYFRDLNHICVINEHG 212
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; TYPE: PRT
; ORGANISM: Plasmodium falciparum
US-09-189-833B-9
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US-09-189-833B-9
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Search completed: August 28, 2004, 15:25:17 Job time : 440 secs

S.l.b Compugen Ltd.	
Gencore Version 5.1.6 Copyright (c) 1993 - 2004 Compugen Ltd.	OM nucleic - nucleic search, using sw model
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August 28, 2004, 09:17:02 ; Search time 692 Seconds (without alignments) 9857.076 Million cell updates/sec US-09-902-705-1 Title: Perfect score: Sequence: Run on:

1 gattttttgtgatatcttct.......cccggatcttcatcaggagg 1386 IDENTITY_NUC Gapop 10.0 , Gapext 1.0 1386 Scoring table:

Total number of hits satisfying chosen parameters:

3237270 segs, 2460713050 residues

Searched:

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries Minimum DB seq length: 0 Maximum DB seq length: 2000000000

Database :

Published Applications NA:*

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19: /cgn2_6/ptodata/2/pubpna/USOB_NEW_PUB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Description	Sequence 1, Appli	Sequence 1, Appli	Sequence 424, App	Sequence 19, Appl	Sequence 13, Appl	Sequence 222, App	Sequence 222, App	Sequence 77, Appl	Sequence 48, Appl	Sequence 77, Appl	Sequence 23, Appl	Sequence 78, Appl	Sequence 23, Appl	Sequence 49, Appl
αI	US-09-189-833B-1	US-09-902-705-1	US-10-264-049-424	US-10-427-631-19	US-09-822-830A-13	US-09-764-870-222	US-10-125-540-222	US-10-050-704-77	US-10-266-829-48	US-10-798-512-77	US-10-050-704-23	US-10-050-704-78	US-10-266-829-23	US-10-266-829-49
DB	ຶ່ດ	σ	16	15	თ	σ	15	12	16	17	15	15	16	16
% Query Match Length DB	1386	1386	1965	1927	806	2244	2244	4385	4385	4385	4386	4386	4386	4386
% Query Match	100.0	100.0	47.4	47.2	44.1	24.1	24.1	23.3	23.3	23.3	23.3	23.3	23.3	23.3
Score	1386	1386	657	654.6	611.8	334.2	334.2	323	323	323	323	323	323	323
Result No.	н	7	m	4	Ω 2	9 0	7	ω	σ	10	11	12	13	,14

	Sequence 182, App		a 182	273	165	350	123	232,	a 185	482	151,	Sequence 1995, Ap	11	23,	68,	68,	187	80	45,	Sequence 45, Appl	Seguence 45, Appl	12,	87	ď		22	12		308, A
17 US-10-798-512-23 17 US-10-798-512-78	9 US-09-764-870-182		15 US-10-125-540-182	15 US-10-103-313-273	16 US-10-158-057-165	15 US-10-106-698-350	10 US-09-933-767-1231	9 US-09-764-868-232	10 US-09-764-891-1853	11 US-09-764-875-482	16 US-10-264-049-151	15 US-10-106-698-1995	16 US-10-264-237-1155	15 US-10-036-542-23	10 US-09-984-271-68	13 US-09-984-276-68	11 US-09-764-875-184	9 US-09-956-004-108	15 US-10-128-590-45	15 US-10-128-587A-45	16 US-10-128-578B-45	13 US-10-393-269-12	16 US-10-191-803-870	15 US-10-308-279-2	15 US-10-308-448-2	15 US-10-175-523-22	17 US-10-641-643-1298	14 US-10-044-090-283	9 US-09-764-853-308
4386	1355	1355	1355	1355	1355	2074	2474	1092	1092	1092	2002	1233	1233	1998	3300	3300	1091	752	3928	3928	3928	3988	853	1316	1316	1331	1331	1365	1511
23.3	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	22.9	22.9	22.9	22.8	22.8	22.8	22.8	22.7	22.7	22.7	22.7	22.6	22.6	22.5	22.5	22.5	22.5	22.5	22.5
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ALIGNMENTS

ULT 1 19-189-833B-1 equence 1, Application US/09189833B equence 1, Application US/09189833B equence 1, Application US/09189833B exent No. US20020065393A1 APPLICANT: Bednarik et al. APPLICANT: Bednarik et al. APPLICANT: Bednarik et al. TITLE OF INVENTION: Human Hypoxanthine-(Guanine) Phosphoribosyl Transferase-2 FILE REPERBNCE: PF138P1D1 CURRENT PILING DATE: 1998-11-1.2 PRIOR APPLICATION NUMBER: US 08/461,031 PRIOR APPLICATION NUMBER: US 08/461,031 PRIOR APPLICATION NUMBER: US 06-05 PRIOR APPLICATION NUMBER: US 09/461,1914 PRIOR APPLICATION NUMBER: US 06-05 FRANTRE: DAS NUMBER OF SEQ ID NOS: 11 EQUENT: 1386 TYPE: DAA ORGANISM: Homo sapiens FRANTRE: DAA ORGANISM: CDS LOCATION: (626)(1264)	Gaps 0;	AAC 60	111 AAC 60	TTC 120	TTC 120
l Tran		CCAACC	CCAACC	GTTCCT	Gricci
ribosy	Length 1386; Indels 0;	TAAACG	TAAACG	TAAAAT	TAAAAT
Phosphc		TATTGT	 ATTGT	ATTTTC	ATTTTG
nine)	DB 9;	GGAACC	GGAACC	TGGCCC	111111 1166CCC
ne-(Gua 9,833B 031 1914	Score 1386; Pred. No. 0; Mismatches	TCTTCGGGGGGGGGGAACCTATTGTATAAACGCCAACCAA	GATTTTTTGTGATATCTTCTTCGGGGGGGGGGGGAACCTATTGTATAAACGCCAACCAA	CGGCCCTTTTTTGGGTACCTGGCCATTTTACTTGGCCCATTTTGGTAAATGTTCCTTTC	GGGCCCTTTTTTGGGTACCTGGCCATTTTACTTGGCCCATTTTGGTAAAATGTTCCTTTTC
ULT 1 10-189-833B-1 equence 1, Application US/09189833B atent No. US2002065393A1 APPLICANT Bednarik et al. TITLE OF INVENTION: Human Hypoxanthine-(Gu TITLE OF INVENTION: Human Hypoxanthine-(GU TITLE REFERENCE: PP138P1D1 CURRENT APPLICATION NUMBER: US/09/189,833B CURRENT FILING DATE: 1998-11-12 PRIOR PALIOM ONTHER: US/08/461,031 PRIOR APPLICATION NUMBER: PCT/US94/11914 PRIOR PLIOM DATE: 1999-06-05 PRIOR FILING DATE: 1999-10-19 PRIOR FILING DATE: 1999-10-19 ROSTHARE: PATENTING DATE: 1999-10-19 FRIOR FILING DATE: 1999-11-10-19 FRIOR FILING DATE: 1999-11-10		CTTCGGG	CTTCGGG	CTGGCCA	CTGGCCA
SULT 1 1.09-189-833B-1 Sequence 1, Application US/09189833B Sequence 1, Application US/09189833B Batent No. US20020065393A1 GENERAL INFORMATION: APPLICANT: Bednarik et al. TITLE OF INVENTION: Human Hypoxanth FILE REPRENCE: PF138P1D1 CURRENT APPLICATION NUMBER: US/09/1 CURRENT FILING DATE: 1998-11-12 PRIOR APPLICATION NUMBER: US/09/1 PRIOR APPLICATION NUMBER: PCT/US94/1 PRIOR FILING DATE: 1994-10-19 NUMBER OF SEQ ID NOS: 11 SEQ ID NO: 11 SEQ ID NO: LENGTH: 1386 TYPE: DRA ORGANISM: HOMO Sapiens FRATURE: FRATURE: FRATURE: FLOCATION: (626)(1264)	100.0%; 100.0%; tive		ATATCTT	TGGGTAC	TGGGTAC
lcation 2006539 CON: ark et ark et ark et PF138P PF138P PF138P PF138P NWMB NWMB TR: 199 TR: 19	arity onserva	GATTTTTGTGATATCT	TTTTGTG	CCTTTT	CCTTTT
38-1 US2001 US2001 US2001 US2001 USEDITE U	simila 86, C	1 GATT	1 GATT	61 CGGC	61 CGGC
RESULT 1 US-09-189-8338-1 Sequence 1, Application US/ Patent No. US20020065393A1 GENERAL INFORMATION: APPLICANT: Bedmark et al. TITLE OF INVENTION Human FILE REFERENCE: PF138P1D1 CURRENT FILING DATE: 1998-101 CURRENT FILING DATE: 1998-69 PRIOR PILING DATE: 1998-69 PRIOR PILING DATE: 1998-106 PRIOR PLING DATE: 1994-10 PRIOR PLING DATE: 1994-10 PRIOR FILING DATE: 1994-10 PRIOR FILING DATE: 1994-10 SEQ ID NO. 1 LENGTH: 1386 TYPE: DNA ORGANISM: HOMO SADIENS FRATURE: FRATURE: NAMME/KEY: CDS LOCATION: (626)(1264) US-09-189-8338-1	Query Match Best Local Similarity 100. Matches 1386; Conservative			φ	9
RESULT US-09- US-09- Sacqu Paten PAPP PRI PRI PRI PRI PRI PRI PRI PRI PRI P	Oue Mess	ò	đ	٥'n	Db

	RESULT 2 US-09-705-1 Sequence 1, Application US/09902705 Sequence 1, Application US/09902705 Sequence 1, Application US/09902705 Sequence 1, Application US/09902705 Time No. US2002081655A1 TITLE OF INVENTION: Human Hypoxanthine-(Guanine) Phosphoribosyl Transferase-2 FILE REPERENCE: PF138P1C1 CURRENT APPLICATION NUMBER: US/09/902,705 CURRENT APPLICATION NUMBER: US 08/461,031 PRIOR FILING DATE: 1995-06-05 PRIOR FILING DATE: 1995-06-05 SOFTWARE: PAPLICATION NUMBER: PCT/US94/11914 PRIOR FILING DATE: 1994-10-19 NUMBER OF SEQ ID NOS: 11 SEQ ID NO 1 LENGTH: 1386 TYPE: DAA SOFTWARE: Patentin Version 3.1 SEQ ID NO 1 SEQ ID NO 2 LENGTH: 1386 TYPE: DAA ORGANISM: Homo sapiens FRATURE: NAME/KEY: CES COCATION: (626)(1264) COTHER INFORMATION: US-09-902-705-1	Query Match 100.0%; Pred. No. 0; DB 9; Length 1386; Best Local Similarity 100.0%; Pred. No. 0; 0; Indels 0; Gaps 0; Matches 1386; Conservative 0; Mismatches 0; Indels 0; 0; Gaps 0; 0y 1 GATTTTTTGGATACTTTTTTCTTGGGGGGGGGGAACCTATTGTATAAACGCCAACCAA
QY 121 CCTGGGTTAATCCCCTGATTCCTTGTGGGATAACCCGTATTCCCCCCCTTAGAGTGAAT 180 Db 121 CCTGGGTTAATCCCCTGATTCCTTGTGGGATAACCCGTATTCCCCCCCTTAGAGTGAAT 180 QY 181 TTGAAAACCCTTTCGCCGGAAGGGGACCGACCGAGCGATTCATGGAGGAAT 180 Db 181 TTGAAAACCCTTTCGCCGGAAGGGACCGACCGACCGAGGGATTCATGAGGAGGAA 240 Db 241 AGCGGGAAGAGGGCCCAATACCCAAGCCGCCTCTCGCCGGCGCTTGTGCGATTCATTAA 300 QY 241 AGCGGGAAGAGGCCCCAATACCCAAGCCGCTCTCGCCGGCGCTTGTGCGATTCATTAA 300 QY 301 TACAGCTCCCACCAACAATACCCAAGCCGCTCTCGCCGCGCGTTGTGCGCAATTAAT 360 QY 301 TACAGCTGCCACACACACACTTTCCCGAATTCCCGAAGCGGTCAGTGAAGACCGCAACAATTAAT 360 301 TACAGCTGCCACACACACACACTTCCCGAATTCCCGAATTCCCGAATTCAATTAAT 360	GTGAGGTTAGCTCCACTAGGCACCCCAGGCTTTACACTTTATGCTTCCGGCTCGTATG GTGAGGTTAGCTCACTATAGGCACCCCAGGCTTTACACTTTATGCTTCCGGCTCGTATG GTGAGGTTAGCTCACTATAGGCACCCCAGGCTTTACACTTTATGCTTCCGGCTCGTATG GTGAGGCACCCCCCAGGCTTTACACACTTTATGCTTCCGGCTCGTATG GTGTGGCAAATTGTGAGCGGATAACAATTTCACACAGGAAACACTTATGACCCTGGTTATC GTCCAAGCTCGAAATTAACCCTCACTAAAGGGAACAAAAACTGGAGGCTCCACGCGGGTGG GTCCAAGCTCGAAATTAACCCTCACTAAAGGGAACAAAAACTGGAGCTCCACCGCGGGTGG GTCCAAGCTCGAAATTAACCCTCCCGGAGACCAAAAACTGGAAATTCACCACGGCGGGGGGC GTCCAAGCTCGAAATTAACCACTAAAGGGAACAAAAACTGGAGACTCCACCGCGGGGGGGCCCGGCGGCGGCCCCCCCGGGGGGGCCCC	721 GAGTATGECTCATCCTCATCGTATCATTGTAGACCAGAATTGAGGCGCCGCCAAGGA

RESULT 3 US-10-264-049-424 ; Sequence 424, Application US/10264049

1306 AAGGCCCCAGATAGGATCATTTTACGCCTGT-CTTGGGGAGCCCAGTTGCAAGTTGGGCC 1364

1185

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1246 CATCAATGAGCACGGGTAAAGGAAAATATCGAGTCTTAAAGACATGAATTCTCACCACTA 1305
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APPLICANT: Feach.
APPLICANT: Feach.
APPLICANT: Feach.
APPLICANT: Resnick, Richard J.
APPLICANT: Resnick, Richard J.
APPLICANT: Graham, James R.
APPLICANT: Graham, James R.
APPLICANT: Graham, James R.
TITLE OF INVENTION: POLYNUCLECTIDES ENCODING NOVEL SECRETED PROTEINS
TITLE OF INVENTION: POLYNUCLECTIDES ENCODING NOVEL SECRETED PROTEINS
TITLE OF INVENTION: POLYNUCLECTIONS
CURRENT FILING DATE: 2001-03-29
CURRENT FILING DATE: 2000-04-06
NUMBER OF SEQ ID NOS: 631
SEQ ID NO 13
IENGTH: 806
                                                                                                                                                                                                                                                                                                         540 AACATCCAGAAGTGACGGCTTTAGACCTGACTATGCTGGATTTGAGATTCCAAACTTATT
                                                                                                                                                                                                                                                                                                                                                                                                                               1006 AAAGAATTTTCTCATTGTTGAGGATGTTGTCGGAACTGGGAGGACCATGAAAGCACTACT
                                                                                      420 AAAGAATGTTCTTCATTGTTGAGGATGTTGTCGGAACTGGGAGGACCATGAAAGCACTACT
                                                                                                                                                  1066 CAGCAATATAGAGAAATACAAGCCCCAACATGATTAAGGTAGCCAGTTTGTTGGTGAAGAG
                                                                                                                                                                                                            480 CAGCAATATAGAGAAATACAGGCCCAACATGATTAAGGTAGCCAGTTTGTTGGTGAAGAG
                                                                                                                                                                                                                                                                         1126 AACATCCAGAAGTGACGGCTTTAGACCTGACTATGCTGGATTTGAGATTCCACACTTATT
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44.1%; Score 611.8; DB 9;
Best Local Similarity 93.3%; Pred. No. 1.1e-183;
Matches 656; Conservative 0; Mismatches 29;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 13, Application US/09822830A; Patent No. US20020142952A1; GENERAL INFORMATION:
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LOCATION: 735,739

CTHER INFORMATION: n=a,c,g, or

US-09-822-8308-13
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ORGANISM: Homo sapiens
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717 AAGTCCCAGATAGGCATCATATTTACGCCTGTACTTGGGAAGCCAGCTGTCAAGTTTGTC 776
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47.2%; Score 654.6; DB 15; Length 1927;
Best Local Similarity 94.2%; Pred. No. 4.1e-197;
Matches 741; Conservative 0; Mismatches 24; Indels 22;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; NAME/KEY: misc feature
; OTHER INFORMATION: Incyte ID No. US20030175923A1 1404963CB1
US-10-427-631-19
                                                                                                                                                                                                  RESULT 4

US-10-477-631-19

i Sequence 19, Application US/10427631

i Publication No. US20030175923A1

i GENERAL INFORMATION:

j APPLICANT: INCYTE CORPORATION; TANG, Y. Tom;

APPLICANT: CORLEY, Neil C.;

APPLICANT: CORLEY, Neil C.;

APPLICANT: AZIMZAI, YUE, Henry; HILLMAN, Jennifer L.;

APPLICANT: AZIMZAI, Yalda

TITLE OF INVENTION: HUMAN TRANSFERASE PROTEINS

FILE REFERENCE: FF-0592-1 DN/

CURRENT AZIMZAI, Yalda

TITLE OF INVENTION: HUMAN TRANSFERASE PROTEINS

FILE REFERENCE: FF-0592-1 DN/

CURRENT FILING DATE: 2003-04-29

PRIOR FILING DATE: 2002-03-12

PRIOR FILING DATE: 1999-09-10

PRIOR FILING DATE: 1999-09-10

PRIOR FILING DATE: 1999-09-10

PRIOR FILING DATE: 1999-09-10

PRIOR FILING DATE: 1999-01-04

PRIOR FILING DATE: 1999-01-0
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ORGANISM: Homo sapiens
                                                            1365 CCCCCGG 1371
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156 ATCAATGAGGACGGTAAGGTAGCCAGTTTGTTGGTGAAGAGA 114	qq	
RESULT 6	8	566 CC
US-09-764-870-222/c ; Sequence 222, Application US/09764870 ; Patent No. US20020042386Al ; GENERAL INFORMATION:	RESULT 7	DD 1/19 CC RESULT 7 RS-10-125-540-22
APPLICANT: Rosen et al. TITLE OP INVENTION: Nucleic Acids, Proteins, and Antibodies PITE DEPERENCE: PT214	sequen ; Sequen ; Public	Sequence 222, I
CURRENT APPLICATION NUMBER: US/09/764,870 CURRENT FILING DATE: 2001-01-17 Prior application data removed - consult PALM or file wrapper NUMBER OF SEQ ID NOS: 646 SOFTWARE: Parentin Ver. 2.0	GENERA APPLI TITLE FILE CURRE	GENERAL INFORM APPLICANT: ROI TITLE OF INVE FILE REFERENCI
SEQ ID NO 222 LENGTH: 2244 TYPE: DNE	; CURRE; Prior ; NUMBE	CURRENT FILING Prior Application NUMBER OF SEQ
OIGEN DAY PEATURE:	SEQ ID NO	OFTWARE: Pat
NAME/KEY: SITE LOCATION: (10) OTHER INFORMATION: n equals a,t,g, or c	, TYPE , ORGA	LENGIH: 2244 TYPE: DNA ORGANISM: HO
NAME/KAI: SLIB LOCATION: (11) OTHER INFORMATION: n equals a,t,g, or c	, NAME ; LOCA ; CTHE	NAME/KEY: mi LOCATION: (1 CTHER INFORM
LOCATION: (2007) OTHER IND. (2007) OTHER PROFILES a,t,g, or c	FEAT NAME	FEATURE: NAME/KEY: mi LOCATION: (1
COTHER INFORMATION: n equals a,t,g, or c US-09-764-870-222	OTHE ; FEAT ; NAME	OTHER INFORM FEATURE: NAME/KEY: mi

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24.1%; Score 334.2; DB 9; Length 2244; nilarity 82.1%; Pred. No. 5.7e-95; Conservative 0; Mismatches 85; Indels 21;
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22, Application US/10125540
n No. US20030059875A1
n No. US20030059875A1
inversion et al.
Inversion in Nucleic Acids, Proteins, and Antibodies
INVERSION NUMBER: US/10/125,540
iting DATE: 2002-04-19
ilication removed - See File Wrapper or Palm
is SEQ ID NOS: 646
in Patentin Ver. 2.0
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                                                                                                                                  Query Match 24.1%; Score 334.2; DB 15; Length 2244; Best Local Similarity 82.1%; Pred. No. 5.7e-95; Matches 485; Conservative 0; Mismatches 85; Indels 21;
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Publication No. US2003005042A1
GENERAL INFORMATION:
TITLE OF INVENTION: 62 Human Secreted Proteins
FILLE REFERENCE: P2039P1
CURRENT APPLICATION NUMBER: US/10/050,704
CURRENT APPLICATION NUMBER: US/0684,524
FRIOR APPLICATION NUMBER: 09/684,524
PRIOR APPLICATION NUMBER: 09/684,524
PRIOR APPLICATION NUMBER: 60/128,633
PRIOR FILING DATE: 2000-04-06
PRIOR FILING DATE: 1999-04-09
PRIOR FILING DATE: 1999-04-09
PRIOR FILING DATE: 1999-04-06
PRIOR FILING DATE: 1999-04-26
NUMBER OF SEQ ID NUMBER: 60/130,991
PRIOR FILING DATE: 1999-04-26
                                                ; NAME/KEY: misc_feature
; LOCATION: (2121)
; OTHER INFORMATION: n equals a,t,g, or c
US-10-125-540-222
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                OTHER INFORMATION: n equals a,t,g,
LOCATION: (2007)
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Publication No. US20030220489A1
GENERAL INFORMATION
APPLICANT: Rosen et al.
TITLE OF INVENTION: 29 Human secreted proteins
FILE REPRENCE: PO041P1
CURRENT APPLICATION NUMBER: US/10/266,829
CURRENT FILING DATE: 2002-10-09
PRIOR APPLICATION NUMBER: 09/756,168
PRIOR APPLICATION NUMBER: PCT/US00/19735
PRIOR APPLICATION NUMBER: 60/145,20
PRIOR APPLICATION NUMBER: 60/145,20
PRIOR APPLICATION NUMBER: 60/145,20
PRIOR FILING DATE: 1999-07-23
NUMBER OF SEC ID NOS: 146
SEC ID NO 48
LENGTH: 4385
                                                                                                                                                                                                                                                                                          NAME/KEY: SITE
LOCATION: (3476)
CHER INFORMATION: n equals a,t,g, or US-10-0S0-704-77
SEQ ID NO 77
LENGTH: 4385
TYPE: DNA
ORGANISM: HOMO SADIENS
FEATURE:
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ORGANISM: Homo sapiens
FBATURE:
NAME/KEY: SITE
LOCATION: (3476)
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US-10-050-704-23
; Sequence 23. Application US/10050704
; Publication No. US20030050442A1
; GENERAL INFORMATION:
; APPLICANT Ruben et al.
; TILLE NOF INVENTION: 62 Human Secreted Proteins
; TILLE NOF INVENTION: 62 Human Secreted Proteins
; CURRENT APPLICATION NUMBER: US/10/050,704
; CURRENT FILING DATE: 2002-01-8
; PRIOR FILING DATE: 2000-04-06
; PRIOR FILING DATE: 2000-04-06
; PRIOR FILING DATE: 1999-04-09
; PRIOR APPLICATION NUMBER: 60/128,693
; PRIOR FILING DATE: 1999-04-06
; ROFING APPLICATION NUMBER: 60/130,991
; PRIOR FILING DATE: 1999-04-06
; ROFING FILING DATE: 1999-04-06
; RUBER OF SEQ ID NOS: 344
; SEQ ID NO 23
; LENGTH: 4386
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CATION: (3477)
CTHER INFORMATION: n equals a,t,g, or c
US-10-050-704-23
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                                                                   Score 323; DB 16; Length 4385;
Pred. No. 3.1e-91;
0; Mismatches 65; Indels 4.
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23.3%; Score 323; DB 17; Length 4385;
Best Local Similarity 85.2%; Pred. No. 3.1e-91;
Matches 396; Conservative 0; Mismatches 65; Indels 4
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| Sequence 77, Application US/10798512
| Publication No. US20040152164A1
| GENERAL INFORMATION:
| APPLICANT: Ruben et al.
| APPLICANT: Ruben et al.
| TITLE OF INVENTION: 62 Human Secreted Proteins
| FILE REFERENCE: PZ039P1
| CURRENT APPLICATION NUMBER: US/09/684,524
| PRIOR FILING DATE: 2004-03-12
| PRIOR FILING DATE: 2000-04-06
| PRIOR FILING DATE: 1999-04-09
| PRIOR FILING DATE: 1999-04-09
| PRIOR FILING DATE: 1999-04-06
| PRIOR FILING DATE: 1999-04-06
| NUMBER OF SEQ ID NOS: 344
| SOFTWARE: Patentin Ver. 2.0
| SEQ ID NO 77
| LING THE 4385
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NAME/KEY: SITE
LOCATION: (3476)
COTHER INFORMATION: n equals a,t,g, or
                                                                      Query Match 23.3%;
Best Local Similarity 85.2%;
Matches 396; Conservative
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ORGANISM: Homo sapiens
       US-10-266-829-48
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366 ATTAACCCTCACTAAAGGGAACAAAAGCTGGAGCTCCACCGCGGTGGCGGCCGCTCTAGA 425
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                                             CTCATTAGGCACCCCAGGCTTTACACTTTATAGCTTCCGGCTCGTATGTTGTGTGGAATTG
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llarity 85.2%; Pred. No. 3.1e-91;
Conservative 0; Mismatches 65;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: 29 Human secreted proteins TITLE OF INVENTION: 29 Human secreted proteins FILE REPERRNG: P2041P1
FILE REPERRNG: P2041P1
FURBENT APPLICATION NUMBER: US/10/266,829
CURRENT APPLICATION NUMBER: 09/756,168
PRIOR PILING DATE: 2001-01-09
PRIOR FILING DATE: 2001-01-09
PRIOR FILING DATE: 2000-07-20
PRIOR PILING DATE: 1999-07-23
NUMBER OF SEQ ID NOS: 146
SOFTWARE: Patentin Ver: 2.0
SOFTWARE: Patentin Ver: 2.0
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; CTHER INFORMATION: n equals a,t,g, or c
US-10-266-829-23
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ORGANISM: Homo sapiens
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Matches 396; Conserval
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NAME/KEY: SITE
LOCATION: (3477)
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Best Local Similarity 85.2%; Pred. No. 3.1e-91;
Matches 396; Conservative 0; Mismatches 65;
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LOCATION: (3477)
CTHER INFORMATION: n equals a,t,g, or US-10-050-704-78
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 78, Application US/10050704 Publication No. US20030050442A1 GENERAL INFORMATION:
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SEQ ID NO 78
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ORGANISM: Homo sapiens
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US-10-050-704-78
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    614 GACTACGGGCGAATGGCGACCCGCAGCCCTGGCGTCGTGATTATG
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US-10-798-512-23

Squence 23. Application US/10798512

Publication No. US2040152164A1

GENERAL INFORMATION:

APPLICANT: Ruben et al.

TITLE NOF INVENITION: 62 Human Secreted Proteins
FILE REFERENCE: PZ039P1

CURRENT APPLICATION NUMBER: US/10/798,512

CURRENT FILING DATE: 2004-03-12

PRIOR FILING DATE: 2000-10-10

PRIOR FILING DATE: 2000-10-10

PRIOR FILING DATE: 1900-04-06

PRIOR APPLICATION NUMBER: 60/128,693

PRIOR FILING DATE: 1999-04-06

SOFTWARE: PATCHIN NUMBER: 60/130,991

PRIOR FILING DATE: 1999-04-26

NUMBER OF SEQ ID NOS: 344

SSEQ ID NO 23

LENGTH: 4386
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Best Local Similarity 85.2%; Pred. No. 3.1e-91;
Matches 396; Conservative 0; Mismatches 65;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME/KEY: SITE
LOCATION: (3477)
CTHER INFORMATION: n equals a,t,g, or US-10-798-512-23
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ORGANISM: Homo sapiens
FEATURE:
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                                                                                   554 ACTACTGGATCCCCCGGGCTCCAGGAATTCGCCACGACCGGGAGGACCGAGGAGCCCCA
CTCATTAGGCACCCCAGGCTTTACACTTTATGCTTCCGGCTCGTATGTTGTGTGAATTG
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                                                                                                                                                                   614 GACTACGGGCGAATGGCGACCCGCAGCCCTGGCGTCGTGATTATG 658
                                                                                                                                                                                                            Query Match 23.3%; Score 323; DB 16; Length 4
Best Local Similarity 85.2%; Pred. No. 3.1e-91;
Matches 396; Conservative 0; Mismatches 65; Indels
                                                                                                                                                                                                                                                                                                        Sequence 49, Application US/10266829
Fublication No. US20030220489A1
GENERAL INFORMATION:
APPLICANT: Rosen et al.
TITLE OF INVENTION: 29 Human secreted proteins
FILE REPERENCE: PS041P1
CURRENT APPLICATION NUMBER: US/10/266,829
CURRENT FILING DATE: 2002-10-09
FRIOR APPLICATION NUMBER: 09/756,168
FRIOR APPLICATION NUMBER: PT/US00/19735
FRIOR APPLICATION NUMBER: 60/145,220
FRIOR FILING DATE: 2000-07-20
FRIOR FILING DATE: 1999-07-23
NUMBER OF SEQ ID NOS: 146
SOFTWARE: Patentin Ver: 2.0
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NAME/KEY: SITE

LOCATION: (3477)

OTHER INFORMATION: n equals a,t,g, or US-10-266-829-49
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ORGANISM: Homo sapiens
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US-10-266-829-49
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Search completed: August 28, 2004, 14:49:44

Job time : 698 secs

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20, Appl 20, Appl 20, Appl 20, Appl 20, Appl 20, Appl 27,
RESULT 1
US-09-189-33B-1
; Sequence 1, Application US/0918933B
; Patent No. 6653446
; GENERAL INFORMATION:
; APPLICANT: Bednartik et al.
; TITLE OF INVENTION: Human Hypoxanthine-(Guanine) Phosphoribosyl Transferase-2
; FILE REFERENCE: PF138P1D1
; CURRENT PAPLICATION NUMBER: US/09/189,833B
; CURRENT FILING DATE: 1998-11-12
; PRIOR FILING DATE: 1998-11-12
; PRIOR FILING DATE: 1998-10-19
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1
; LENGTH: 1386 61 CGGCCCTTTTTTGGGTACCTGGCCATTTTACTTGGCCCATTTTGGTAAAATGTTCCTTTC 120 CCTGCGTTAATCCCCCTGATTCCTTGTGGGATAACCCGTATTCCCCCCCTTAGAGTGAAT 180 TACAGCTGCCACGACAGGTTTCCCGACTGGAAAGCGGTCAGTGAGCGCCAACACAATTAAT 360 1 GATITITIGIGADATCTICITCGGGGGGGGGGGAACCIATTGTATAAACGCCAACCAAC CGCCCCTTTTTTGGGTACCTGGCCATTTTACTTGGCCCATTTTGGTAAATGTTCCTTTC 121 CCTGCGTTAATCCCCCTGATTCCTTGTGGGATAACCCGTATTCCCCCCCTTAGAGTGAAT 241 AGCGGGAAAGAGCGCCCAATACCCAAGCCGCCTCTCGCCGGCGCGTTGTGCGATTCATTAA AGCGGGAAGAGCGCCCAATACCCAAGCCGCCTCTCGCCGGCGCGCTTGTGCGATTCATTAA TTGAAAACCCTTTCGCCCGGAAGGGGACCGACCGAGCCCAGCGATTCATGGAGCGAGGAA Sequence
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Sequence ċ. Length 1386; Indels DB 4; US-09-479-122-20 US-09-484-997-20 US-09-481-355-20 US-09-481-355-629 US-09-484-996-20 US-09-484-996-20 US-09-484-997-27 US-09-484-997-27 US-09-481-355-27 US-09-481-355-27 US-09-481-355-27 US-09-481-355-27 US-09-481-362-27 US-09-481-362-27 US-09-481-362-27 US-09-481-362-27 US-09-608-7308-21 US-09-608-7308-21 US-08-608-7308-21 US-08-675-566-14 Query Match 100.0%; Score 1386; Best Local Similarity 100.0%; Pred. No. 0; Matches 1386; Conservative 0; Mismatches ALIGNMENTS ; NAME/KEY: CDS ; LOCATION: (626)..(1264) US-09-189-8338-1 TYPE: DNA ORGANISM: Homo sapiens 61 121 181 301 g δ 셤 ઠે g ò g ò 유 8 Sequence 1, Appli Sequence 68, Appl Sequence 108, Appl Sequence 1, Appli Sequence 1, Appli Sequence 6, Appli Sequence 6, Appli Sequence 17, Appli Sequence 17, Appli Sequence 16, Appli Sequence 16, Appli Sequence 16, Appli Sequence 17, Appli Sequence 16, Appli Sequence 17, Appli Sequence 17, Appli Sequence 17, Appli Sequence 18, Appli Sequence 17, Appli Sequence 18, Appli August 28, 2004, 03:35:42 ; Search time 122 Seconds (without alignments) 6304.606 Million cell updates/sec Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution. US-09-902-705-1 1386 1 gattttttgtgatatcttct......cccggatcttcatcaggagg 1386 Sequence 13, 2 Sequence 13, 2 Sequence 1, As Sequence 1, As Sequence 1, As Sequence 13, 2 Issued Patents NA:*

1. /cgn2 6/ptodata/2/ina/5A COMB.seq:*

2. /cgn2 6/ptodata/2/ina/6B COMB.seq:*

3. /cgn2 6/ptodata/2/ina/6A COMB.seq:*

4. /cgn2 6/ptodata/2/ina/6B COMB.seq:*

5. /cgn2 6/ptodata/2/ina/6B COMB.seq:*

5. /cgn2 6/ptodata/2/ina/beoxfiles1.seq:* GenCore version 5.1.6 (c) 1993 - 2004 Compugen Ltd. US-09-189-833B-1 US-09-786-244-19 US-08-942-276-88 US-08-659-206A-1 US-09-318-138-13 US-09-503-22-6 US-09-503-22-6 US-08-675-566-18 US-08-675-566-18 US-08-675-566-18 US-08-675-566-15 US-08-675-566-13 US-08-675-66-13 US-08-675-66-13 US-08-675-676-13 US-08-671-496-13 US-09-139-675-1 US-09-502-018-1 US-08-935-312-13 US-08-848-760B-33 Total number of hits satisfying chosen parameters: 682709 seqs, 277475446 residues SUMMARIES Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries nucleic search, using sw model IDENTITY NUC Gapop 10.0 , Gapext 1.0 Minimum DB seq length: 0
Maximum DB seq length: 2000000000 Query Match Length DB 1.2.6.4.3.0.1. Title: Perfect score: Sequence: Scoring table: Score OM nucleic Searched: Run on:

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US-U9-786-240-19
Sequence 19, Application US/09786240
Farent No. 6558935
GENERAL INFORMATION:
APPLICANT: TRANG, Y. TOM
APPLICANT: TANG, Y. TOM
APPLICANT: TANG, Y. TOM
APPLICANT: TANG, Y. TOM
APPLICANT: ADDIANT: BAUGHN, Mariah R.
APPLICANT: HILLAND, Dennifer L.
APPLICANT: AZIMZAI, Yalda
ITILE OF INVENTION: HUMAN TRANSFERASE PROTEINS
FILE REFERENCE: PF-0592 PCT
CURRENT FILING DATE: 2002-03-12
CURRENT FILING DATE: 2002-03-12
CURRENT FILING DATE: 1998-09-10; 1998-09-10; 1998-11-04; 1998-11-04; 1999-05-11
NUMBER OF SEQ ID NOS: 33
SEQ ID NO 19
SEQ ID NO 19
LEAGH H 1927
TWDE: NOW.
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; NAME/KEY: misc feature
; CTHER INFORMATION: Incyte ID No. 6558935 1404963CB1
1S-09-786-240-19
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GTCCAAGCTCGAAATTAACCCTCACTAAAGGGAACAAAAACTGGAGCTCCACCGCGGTGG
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239 cegarancariticacacaegaaacaecrareaccarearrace-ccaaecroeaarra 297
                                                                                                      TTAGGCACCCCAGGCTTTACACTTTATGCTTCCGGCTCGTATGTTGTGTGGGAATTGTGAG
                                                                       TTAGGCACCCCAGGCTTTACACTTTATGCTTCCGGCTCGTATGTTGTGGGAATTGTGAG
                                                                                                                                                                      CGGATAACAATTTCACACAGGAAACAGCTATGACCATGATTACGTCCAAGCTCGAAATTA
                                                                                                                                                                                                                                                                     ACCCTCACTAAAAGGGAACAAAAACTGGAGCTCCACCGCGGGGGGGCCGCTCTAGAACTA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-US-70-2-108/C

1 Sequence 108, Application US/08976259

Patent No. 6316609

GENERAL INFORMATION:

APPLICANT: Dillon, Patrick J.

APPLICANT: Choi, Gil H.

APPLICANT: Welch, Rodney A.

TITLE OF INVENTION: Nuclectide Sequence of Escherichia coli

NUMBER OF SEQUENCES: 142

CORRESPONDENCE ADDRESS:

ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.

STRETT: 1100 New York Ave, N.W., Suite 600

CITY: Rashington

STATE: DC

COUNTY: USA

ZIP: 20005-394

COMPUTE: READABLE FORM:

MEDIUM TYPE: Diskette, 3.50 inch, 1.4Mb storage

COMPUTE: READABLE FORM:

MEDIUM TYPE: Diskette, 3.50 inch, 1.4Mb storage

COMPUTE: HP Vectra 486/33

OPERATING SYSTEM: MSDOS version 6.2

SOFTWARE: ASSIT Text

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/976,259

FILING DATE: Herewith

CLASSIFICATION NUMBER: US 60/031,626 AND US 60/061,953

ATTORNEY/AGENT TRRORATION:

MAME: Steffe, Eric K.

REGISTRATION NUMBER: 36,688

REFERENCE/DOCKET NUMBER: 36,688
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    4;
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ilarity 92.8%; Pred. No. 6.5e-82;
Conservative 0; Mismatches 24;
                                                                                                                                                                                                                                                                                                                                                                                              GTGGATCCCCCGGGCTGCAGGAATTCGGCACGA 390
                                                                                                                                                                                                                                                                                                                                                                 558 GIGGAICCCCCGGGCICCAGGAAIICGCCACGA 590
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TELEFAX: (202) 371-2540
INFORMATION FOR SEQ ID NO: 108:
SEQUENCE CHARACTERISTICS:
TENGTH: 752 harm
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 752 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
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Best Local Similarity
Matches 363; Conserva
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US-08-976-259-108/c
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                         1126 AACATCCAGAAGTGACGCCTTTAGACCTGACTATGCTGGATTTGAGATTCCACACTTATT 1185
                                                                                                                                                                                                                    CATCAATGAGCACGGGTAAAGGAAAATATCGAGTCTTAAAGACATGAATTCTCACCACTA 1305
                                                                                                                                                                                                                                                                                                              1306 AAGGCCCCAGATAGGATCATTTTACGCCTGT-CTTGGGGAGCCAGTTGCAAGTTGGGCC 1364
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                                                                                                                                                       600 TGTGGTGGGATATGCCTTAGATTACAATGAATACTTCAGAGATCTGAATCACATATGGGT 659
                                                     540 AACATCCAGAAGTGACGCCTTTAGACCTGACTATGCTGGATTTGAGATTCCAAACTTATT 599
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Sequence 68, Application US/09482273
Fatent No. 6534631
Fatent No. 6534631
FARENCEL INFORMATION:
APPLICANT: Rosen et al.
TITLE OF INVENTION: 71 Human Secreted Proteins
FILE OF INVENTION: 71 Human Secreted Proteins
FILE SPERENCE: P2030P1
CURRENT FILING DAFE: 2000-01-13
FARLIER APPLICATION NUMBER: US/09/482,273
CURRENT FILING DAFE: 1999-07-14
FARLIER FILING DATE: 1998-07-14
FARLIER FILING DATE: 1998-07-15
FARLIER APPLICATION NUMBER: 60/092,922
FARLIER APPLICATION NUMBER: 60/092,922
FARLIER FILING DATE: 1998-07-15
FARLIER FILING DATE: 1998-07-15
NUMBER OF SEQ ID NOS: 267
SEQ ID NO 68
LENGTH: 3300
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LOCATION: (1)
OTHER INFORMATION: n equals a,t,g, or c
FEATURE:
NAME/KEY: SITE
LOCATION: (3)
OTHER INFORMATION: n equals a,t,g, or c
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COCATION: (15)
COTHER INFORMATION: n equals a,t,g, or c
US-09-482-273-68
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                                                                                                                                                                                                                                                                                                                                                                                                                  CCCCCGG 1371
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            254 CCCAATACCCAAGCCGCCTCTCGCCGCGCGTTGTGCGATTCATTAATACAGCTGCCACG 313
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       314 ACAGGITTCCCGACTGGAAAGCGGTCAGTGAGCGCAACACAATTAATGTGAGTTAGCTCA 373
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 194 CGCCCGGAAGGGGACCGAGCCCAGCGATTCATGGAGCGAGGAAAGCGGAAGAGGG
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                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 22.7%; Score 314.6; DB 2; Length Best Local Similarity 92.8%; Pred. No. 1.7e-81; Matches 363; Conservative 0; Mismatches 24; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 13, Application US/09318138

Patent No. 6531123

GENERAL INFORMATION:
ITLE OF INVENTION: LENTIVIRAL VECTORS

NUMBER OF SEQUENCES: 6

CORRESPONDENCE ADDRESS:
CRESPONDENCE ADDRESS:
CTIVE Washington
CITY Washington
CITY Washington
COUNTRY: USA
                                                                                                                                                                                                                                                            LOCATION: 2983..3990
OTHER INFORMATION: /product= "p40 gene product"
FEATURE:
LOCATION: join(953..1258, 1332..1673)
OTHER INFORMATION: /product= "p35 gene product"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           7237 ACTAGTGGATCCCCGGGCTGCAGGAATTCG 7267
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                                                            polyA_site
1797...2024
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2110..2737
                                                                                                                                                                                                                                                                                                                            NAME/KEY: polyA site
// LOCATION: 4075..4306
US-08-659-206A-1
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                                                          NAME/KEY:
LOCATION:
FEATURE:
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LOCATION:
FEATURE:
NAME/KEY:
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FEATURE:
NAME/KEY:
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CCCAATACGCAAAACGCCTCTC-CCCGCGCGTTGGCCGATTCATTAATGCAGCTGGCACG 316
                                                                                            315 ACAGGITTCCCACTGGAAAGCGGGCAGTGAGCGACACCAATTAATGTGAGTTAGCTCA 256
                                                                                                                                              CTCATTAGGCACCCCAGGCTTTACACTTTATGCTTCCGGCTCGTATGTTGTGTGGAATTG 433
                                                                                                                                                                          255 CTCATTAGGCACCCCAGGCTTTACACTTTATGCTTCCGGCTCGTATGTTGTGTGAATTG 196
                                                                                                                                                                                                                                                                  195 reaccedaraacaarrrcacacacacadaacaacrarcacargarrace-ccaagcrcdaa 137
                                                                                                                                                                                                                                                                                                           553
                                                                                                                                                                                                                           TGAGCGGATAACAATTTCACACAGGAAACAGCTATGACCATGATTACGTCCAAGCTCGAA 493
                                                                                                                                                                                                                                                                                                                                 ACAGGTTTCCCGACTGGAAAGCGGTCAGTGAGCGCAACACACAATTAATGTGAGTTAGCTCA
                                                                                                                                                                                                                                                                                                           STREET: 1 South Pinckney Street
CITY: Madison
STATE: WI
COUNTY: US
ZIP: 53703
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PetentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/659,206A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 1, Application US/08659206A
Patent No. 5922685
GENERAL INFORMATION:
TITLE OF INVENTION: IL-12 Gene Therapy of Tumors
NUMBER OF SEQUENCES:
CORRESPENDENCE ADDRESS:
ADDRESSEE: Quarles & Brady
STREET: 1 South Pinckney Street
                                                                                                                                                                                                                                                                                                                                                                                           ACTAGIGGAICCCCCGGGCICCAGGAAIICG 584
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NAME: Seay, Nicholas J
REGISTRATION NUMBER: 27386
REFERENCE/DOCKET NUMBER: 1103
TELECHONNICATION INFORMATION:
TELEPHONE: 608-251-5000
TELEFAX: 608-251-9166
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO: 1: SEQUENCE CHARACTERISTICS: LENGTH: 7287 base pairs TYPE: nucleic acid STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY: circular
MOLECULE TYPE: other nucleic
DESCRIPTION: /desc = "Plasm
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  iDNA
629..810
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME/KEY:
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US-08-659-206A-1
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NAME/KEY:
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us-09-902-705-1.rni

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yearenee, Application US/08646538

Patent No. 6027881

Patent No. 6027881

APPLICANT: Pavlakis, George N.
APPLICANT: Stauber, Roland H.
APPLICANT: Gaitenaris, George A.
APPLICANT: Gaitenaris, John N.
TITLE OF INVENTION: Mutant Acquorea victoria Fluorescent
TITLE OF INVENTION: Proteins Having Increased Cellular Fluorescence
NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, 8th Floor
CITY: San Francisco
STREE: California
COUNTY: USAN FRANCISCO
STREET: ADDRESSEE: ADDRESSEE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2058 CCCAATACGCAAACGCCTCTC-CCCGCGCGTTGGCCGATTCATTAATGCAGCTGGCACG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TGAGCGGATAACAATTTCACACAGGAAACAGCTATGACCATGATTACG-CCAAGCTCGAA
                                                                                                                                                                                                                                                                                                                                                                                                                2116 CTCGCCGCAGCCGAACGACCGAGCGCAGCGAGTCAGTGAGCGAGGAA--GCGGAAGAGCG
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                                                                                                                                                                                                                                                                                                                                                          194 CGCCCCGGAAGGGGACCGACCGAGCCCAGCGATTCATGGAGCGAGGAAAAGCGGAAAGAGAG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   254 CCCAATACCCAAGCCGCCTCTCGCCGGCGCTTGTGCGATTCATTAATACAGCTGCCACG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                314 ACAGGITTCCCGACTGGAAAGCGGTCAGTGAGCGCAACACACAATTAATGTGAGTTAGCTCA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     434 TGAGCGGATAACAATTTCACACAGGAAACAGCTATGACCATGATTACGTCCAAGCTCGAA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     494 ATTAACCCTCACTAAAGGGAACAAAAACTGGAGCTCCACCGCGGTGGCGGCCGCTCTAGA
                                                                                                                                                                                                                                 Length 3988;
                                                                                                                                                                                                                                                                                             Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM FC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/646,538
FILING DATE: No. 6027881 yet assigned
CLASSIFICATION: 435
                                                                                                                                                                                                                                 DB 4;
                                                                                                                                                                                                                          Score 313.6; DB - Pred. No. 2.6e-81 0; Mismatches 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1760 ACTAGRGGATCCCCCGGGCTGCAGGAATTC 1731
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REFERENCE/DOCKET NUMBER: 015280-249000
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             S: Floppy disk
IBM PC compatible
SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                       22.6%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ATTORNEY/AGENT INFORMATION: NAME: Weber, Kenneth A.
                                                                                                                                                                                                                          Query Match
Best Local Similarity 92.8'
Matches 362; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
      SOFTWARE: Patentin Ver.
SEQ ID NO 12
LENGTH: 3988
                                                                                                 TYPE: DNA
CRGANISM: Human tissue
US-09-358-856C-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1939
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Patent No. 6537777
GENERAL INFORMATION
APPLICANT: GELLERFORS, Par
APPLICANT: GELLERFORS, Par
TITLE OF INVENTION: INTERMITTENT PORPHYRIA (AIP) AND OTHER PORPHYRIC
TITLE OF INVENTION: INTERMITTENT PORPHYRIA (AIP) AND OTHER PORPHYRIC
TITLE OF INVENTION: INTERMITTENT PORPHYRIA (AIP) AND OTHER PORPHYRIC
TITLE OF INVENTION: UNBERFORS=1A
CURRENT PELLING DATE: 1999-07-22
NUMBER OF SEQ ID NOS: 40
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         493
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   254 CCCAATACCCAAGCCGCCTCTCGCCGGCGCGTTGTGCGATTCATTAATACAGCTGCCACG 313
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                314 ACAGGTTTCCCGACTGGAAAGCGGTCAGTGAGCGCAACAACTAATGTGAGTTAGCTCA
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CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/318,138
FILING DATE: 25-May-1999
CLASSIFICATION: cUbknown-
CLASSIFICATION: cUbknown-
APPLICATION DATA:
APPLICATION NUMBER: US 60/086,635
FILING DATE: 26-May-1998
FILING DATE: 22-SEP-1997
ATTORNEY/AGENT INFORMATION:
RAGISTRATION NUMBER: 28,005
REFERENCE/DOCKET NUMBER: 28,005
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEFRAN: 202-628-5197
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          22.7%; Score 314.6; DB 4 92.8%; Pred. No. 2.2e-81; tive 0; Mismatches 24
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 12479 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
SEQUENCE DESCRIPTION: SEQ ID NO: 13:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     INFORMATION FOR SEQ ID NO: 13: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 92.8
Matches 363; Conservative
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), NAME/KEY: -
; LOCATION: 1..3699
; OTHER INFORMATION:
US-09-503-222-6
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Sequence 6, Application US/09503222

Sequence 6, Application US/09503222

Patenth No. 626534

GENERAL INFORMATION:

APPLICANT: Batlanaris, George N.

APPLICANT: Gaitanaris, George A.

APPLICANT: Stauber, Roland H.

TITLE OF INVENTION: Mutant Aequorea victoria Fluorescence

TITLE OF INVENTION: Proteins Having Increased Cellular Fluorescence

NUMBER OF SEQUENCES: 37

CORRESPONDENCE ADDRESS:

ADDRESSEE: Townsend and Townsend and Créw LLP

STREET: Two Embarcadero Center, 8th Floor

CITY: San Francisco

STATE: California

COUNTY: 1909.
                                                                                                                                                                                                                                                                                                                                                       194 CGCCCGGAAGGGGACCGACCGAGCCCAGCGATTCATGGAGCGAGGAAAGCGGGAAGAGG
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                                                                                                                                                                                                                                                                                                                  Gaps
                                                                                                                                                                                                                                                                                                                    4
                                                                                                                                                                                                                                                                               Length 3699;
                                                                                                                                                                                                                                                                                                                25; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 313; DB 3;
Pred. No. 3.8e-81;
0; Mismatches 25;
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                                                                                                                                                                       , wamms/KEY: - .3699 ; LOCATION: 1..3699 ; OTHER INFORMATION: /note= "pBSGFP" US-08-646-538-6
               INFORMATION FOR SEQ ID NO: 6: SEQUENCE CHRACTERISTICS: LENGTH: 3699 base pairs TYPE: nucleic acid STRANDEDNESS: single
                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 92.6%;
Matches 362; Conservative (
                                                                                                                           TOPOLOGY: linear
MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity
TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            374
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RESULT 10
US-08-675-566-18/C
US-08-675-566-18/C
Sequence 18, Application US/08675566
Setent No. 6090393
GENERAL INFORMATION:
APPLICANT: Fischer, Laurent
TITLE OF INVENTION: RECOMBINANT VIRUSES, METHODS FOR MAKING, AND USES THEREOF
NUMBER OF SEQUENCES: 120
CORRESPONDENCE ADDRESS:
ADDRESSEE: Curtis, Morris & Safford, P.C.
STREET: 530 Fifth Avenue
STATE: New York
STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1704 ACAGGTTTCCCGACTGGAAAGCGGGCAGTGAGCGCAACGCAATTAATGTGAGTTAGCTCA 1645
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                194 CGCCCGGAAGGGGACCGACCCAGCGATTCATGGAGCGAGGAAAGCGGGAAGAGCG 253
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                                                                            PULDATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US/08/646,538
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Weber, Kenneth A.
REGISTRATION NUMBER: 31,677
REFERENCE/DOCKET NUMBER: 31,677
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 3699 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  554 ACTAGTGGATCCCCCGGGCTCCAGGAATTCG 584
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                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: nucleic acid
STRANDEDNES: single
FOOLOGY: linear
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Best Local Similarity 92.6
Matches 362; Conservative
APPLICATION NUMBER:
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Sequence 16, Application US/08675566
Patent No. 6093939
Patent No. 6093939
Patent No. 6093939
Patent No. 6093939

APPLICANT: Fischer, Laurent
TITLE OF INVENTION: RECOMBINANT VIRUSES, METHODS FOR MAKING, AND USES THEREOF
NUMBER OF SEQUENCES: 120
CORRESPONDENCE ADDRESS:
ADDRESSEE: Curis, Morris & Safford, P.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    3563
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                          COUNTRY: United States of America

ZIP: 10036

COMPUTER: 10036

COMPUTER: Floppy disk
COMPUTER: Ploppy disk
COMPUTER: Parent PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/675,566
FILING DATE: 03-UL-1996
CLASSIFICATION: 424
ATTORNEY/AGENT INPORMATION:
NAME: Frommer Esq., William S.
REGISTRATION NUMBER: 25,506
REGISTRATION NUMBER: 25,506
REGISTRATION NUMBER: 25,506
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
22.6%; Score 313; DB 3;
Best Local Similarity 92.6%; Pred. No. 4.7e-81;
Matches 362; Conservative 0; Mismatches 25.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                         REFERENCE/DOCKET NUMBER: 454310-2890
TELECOMMUNICATION INFORMATION:
TELEPRAK: (212)840-333
TELEFEXX: (212)840-0112
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 6244 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
New York . United States of America
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US-08-675-566-16/c
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US-08-675-566-17
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Patent No. 6090393
GENERAL INFORMATION:
APPLICANT: Fischer, Laurent
APPLICANT: Fischer, Laurent
TITLE OF INVENTION: RECOMBINANT VIRUSES, METHODS FOR MAKING, AND USES THEREOF NUMBER OF SEQUENCES: 120
CORRESPONDENCE ADDRESS:
ADDRESSEE: Curtis, Morris & Safford, P.C.
STREET: 530 Fifth Avenue
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                                                    COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: EN PC compatible
COMPUTER: EN PC compatible
COMPUTER: EN PC compatible
COMPUTER: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/675,566
FILING BATE: 03-JUL-1996
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: FCOMMER RG-, William S.
REGISTRATION NUMBER: 25,506
REGISTRATION NUMBER: 25,506
REGISTRATION INFORMATION:
TELEFROE/COMPUTION: 1012/840-3333
TELEFRA: (212)840-3333
TELEFRA: (212)840-3333
TELEFRA: (212)840-3333
TELEFRA: (212)840-3333
TELEFRA: 645 base pairs
TENGTH: 645 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
STRANDEDNESS: single
MINDERTHER TOWER: NAME CARRACTER INFORMATION
TYPE: Nucleic acid
STRANDEDNESS: single
MINDERTHER TWOST NAME CARRACTER AND CARRACTER INFORMATION
MINDERTHER TWOST NAME CARRACTER INFORMATION
MINDERTHER TWO
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         United States of America
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MOLECULE TYPE: DNA (genomic)
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         COUNTRY:
ZIP: 1003
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Sequence 15, Application US/08675566
Patent No. 6090393
GENERAL INROGATION:
APPLICANT: Fischer, Laurent
TITLE OF INVENTION: PROMOTERS, EXPRESSION CASSETTES,
TITLE OF INVENTION: PROMOTERS, METHODS FOR MAKING, AND USES THEREOF
NUMBER OF SEQUENCES: 120
CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        4720 ACAGGTTTCCCGACTGGAAAGCGGCCAGTGAGCGCAACGCAATTAATGTGAGTTAGCTCA 4661
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1660 crcarraggcaccccaggcrrracacrrrargcrrccggcrcgrargrrgrgragaarrg 4601
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              194 CGCCCGGAAGGGGACCGACCGAGCCCAGCGATTCATGGAGCGAGGAAAGCGGGAAGAGGG
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                                                                                                                         ZIP: 10036

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: ISM PC compatible
COMPUTER: ISM PC compatible
COMPUTER: ISM PC compatible
COMPUTER: ISM PC compatible
CORRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/675,566
FILING DATE: 03-UIL-1996
CLASSIFRATION: 424
ATTONERY/AGENT INFORMATION:
NAME: Frommer ESq., William S.
REGISTRATION NUMBER: 25,506
REFERENCE/DOCKET NUMBER: 454310-2890
TELECOMMULCATION INFORMATION:
TELEPHONE: (212)840-3333
TELEPHONE: (212)840-3333
INFORMATION FOR SEQ.ID NO: 4:
SEQUENCE CHARACTERISTICS:
TENDAMTH: 6578 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 313; DB 3;
Pred. No. 4.8e-81;
0; Mismatches 25
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                                                                                                  United States of America
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY: linear MOLECULE TYPE: DNA (genomic) US-08-675-566-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 92.6%;
Matches 362; Conservative
530 Fifth Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                                      COUNTRY:
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Patent No. 6090193
GENERAL INFORMATION:
APPLICANT: Fischer, Laurent
TITLE OF INVENTION: RECOMBINANT VIRUSES, METHODS FOR MAKING, AND USES THEREOF NUMBER OF SEQUENCES: 120
CORRESPONDENCE ADDRESS:
ADDRESSEE: Curtis, Morris & Safford, P.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  3882 CTCGCCGCAGCCGAACGAGCGCAGCGAGTCAGTGAGCGAAGAA--GCGGAAGAGGG 3825
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                                                                                                                     COMPOTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: TBM FC Compatable
COMPUTER: TBM FC COMPATABLE
OPERATING SYSTEM: FC-DOS/NS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION NUMBER: US/08/675,566
FILING DATE: 03-UUL-1996
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Frommer Esq., William S.
REGISTRATION NUMBER: 25,506
REFERENCE/DOCKET NUMBER: 454310-2890
TELECHONE: (212)840-3333
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                          New York
: United States of America
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; MOLECULE TYPE: DNA (genomic)
US-08-675-566-16
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 6447 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity 92.69
Matches 362, Conservative
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                                                            COUNTRY: U
ZIP: 10036
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US-08-675-566-4/c
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PROMOTERS, EXPRESSION CASSETTES,
RECOMBINANT VIRUSES, METHODS FOR MAKING, AND USES THEREOF
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                                                                  Score 313; DB 3;
Pred. No. 4.8e-81;
0; Mismatches 25
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               554 ACTAGTGGATCCCCCGGGCTCCAGGAATTCG 584
 P. C.
 Curtis, Morris & Safford,
                                                New York : United States of America
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Patent No. 6090393
GENERAL INFORMATION:
APPLICANT: Fischer, Laurent
TITLE OF INVENTION: PROMOTERS, EX
TITLE OF INVENTION: PROMOTERS, EX
NUMBER OF SEQUENCES: 120
                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 92.6%;
Matches 362; Conservative (
                 530 Fifth Avenue
                                                                                                                                                                                                                                                                                                                                                                                   TYPE: nucleic acid
STRANDEDNESS: single
                              New York
ADDRESSEE:
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US-08-675-566-2/c
                                           STATE: NE
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4348 CCCAATACGCAAACGCCCTCTC-CCCGCGCGTTGGCCGATTCATTAATGCAGCTGGCACG 4290
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   434 TGAGCGGATAACAATTTCACACAGGAAACAGCTATGACCATGATTACGTCCAAGCTCGAA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    194 CGCCCGGAAGGGGACCGAGCCCAGCGATTCATGGAGCGAGGAAAGCGGGAAGAGCG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 22.6%; Score 313; DB 3; Length 6958; Best Local Similarity 92.6%; Pred. No. 5e-81; Matches 362; Conservative 0; Mismatches 25; Indels
                                                                                                                                                                                                              MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
OFFWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION DATA:
FILING DATE: 03-JUL-1996
CLASSIFICATION: 424
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1050 ACTAGTGGATCCCCGGGCTGCAGGAATTCG 4020
               ADDRESSEE: Curtis, Morris & Safford, P.C. STREET: 530 Fifth Avenue CITY: New York STATE: New York COUNTRY: United States of America COUNTRY: United States of America COMPUTER READABLE FORM: MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   554 ACTAGIGGATCCCCCGGGCTCCAGGAATTCG 584
                                                                                                                                                                                                                                                                                                                                                                                                                                                  ATTORNEY/ACENT INFORMATION:
NAME: Frommer Esq., William S.
REGISTRATION NUMBER: 25,506
REPRENCE/DOCKET NUMBER: 454310-2890
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)840-3333
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Search completed: August 28, 2004, 09:54:24 Job time : 128 secs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY: linear MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    6958 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: (212)840-0712
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: nucleic acid
STRANDEDNESS: single
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     374 (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       254
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